

MID MICHIGAN COLLEGE
Board of Trustees Workshop and Regular Meeting
Harrison, MI 48625 and Mt. Pleasant, MI 48858
October 1, 2024
6:00 PM Workshop
7:00 PM Meeting
Esther C. Conference Room, Harrison Campus

Workshop Presentation

Review of 80/20 Cap vs Hard Cap for Employee Premiums, Campus Master Plan Timeline and Cost Projections, and Board of Trustees Self-Assessment and Goal Planning.

Board of Trustees Meeting Agenda

APPROVAL OF AGENDA

Item II, Approval of Agenda

Presenter: Board Chair Zdrojewski

Board Consideration: Action

Item III, Public Comment

Presenter: Board Chair Zdrojewski

Board Consideration: Information

APPROVAL OF CONSENT ITEMS

Item IV, Approval of Consent Items

Presenter: Board Chair Zdrojewski

Board Consideration: Action

UNFINISHED BUSINESS

Item V-A: Fall Enrollment Report

Presenter: Matt Miller

Board Consideration: Information

NEW BUSINESS

Item VI-A: Correspondence and Announcements

Presenter: President Hood

Board Consideration: Information

Item VI-B: Community Colleges Local Strategic Value Resolution

Presenter: President Hood

Board Consideration: Action

Item VI-C: 2023-2024 Financial Audit (Board Policy 303.01)

Presenter: Lillian Frick

Board Consideration: Action

Item VI-D: Key Performance Indicators

Presenter: President Hood

Board Consideration: Information

Item VI-E: Foundation Board Appointment Update

Presenter: Board Chair Zdrojewski

Board Consideration: Information

Item VI-F: Construction Bid for Morey Center Tech Renovation (Board Policy 303.03)

Presenter: Lillian Frick

Board Consideration: Action

Item VI-G: PT Solutions Purchase - Morey Tech Center Renovation (Board Policy 303.02)

Presenter: Shawn Troy

Board Consideration: Action

Item VI-H: HAAS Factory Outlet Purchase - Morey Tech Center Renovation (Board Policy 303.02)

Presenter: Shawn Troy

Board Consideration: Action

Item VI-I: Purity Cylinder Purchase - Morey Tech Center Renovation (Board Policy 303.02)

Presenter: Shawn Troy

Board Consideration: Action

Item VI-J: Advanced Technologies Purchase - Morey Tech Center Renovation (Board Policy 303.02)

Presenter: Shawn Troy

Board Consideration: Action

Item VI-K: Stratasys Purchase - Morey Tech Center Renovation (Board Policy 303.02)

Presenter: Shawn Troy

Board Consideration: Action

Item VI-L: Steve Ross Full Faculty Status Recommendation

Presenter: Scott Mertes

Board Consideration: Action

Item VI-M: 80/20 Cap vs Hard Cap for Employee Premiums (Board Policy 406.02)

Presenter: Lori Fassett

Board Consideration: Action

UNFINISHED BUSINESS

Item V-B: Board Policy Change (Board Policy 402)

Presenter: Lori Fassett

Board Consideration: Action

Item V-C: Update on Real Estate Acquisition Adjacent to Mount Pleasant Campus

Presenter: Lillian Frick

Board Consideration: Information

BOARD COMMENTS

Item VII-A: Calendar of Events

Presenter: Board Chair Zdrojewski

Board Consideration: Information

Item VII-B: Board Comments- Other Business

Presenter: Board Chair Zdrojewski

Board Consideration: Information

Approval of Agenda

Item II, Approval of Agenda

Presenter: Board Chair Zdrojewski

Board Consideration: Action

President's Recommendation:

Motion to approve the agenda as presented.

Approval of Agenda.

Approval of Agenda

Item III, Public Comment

Presenter: Board Chair Zdrojewski

Board Consideration: Information

President's Recommendation:

None, informational.

The Board will allow public comment at this time.

Approval of Consent Items

Item IV, Approval of Consent Items

Presenter: Board Chair Zdrojewski

Board Consideration: Action

President's Recommendation:

Motion to approve the consent items as presented.

- A. Minutes - September 3, 2024, Regular Meeting
- B. Monthly Financial Report:
 - 1. Financial Summary for the periods ending August 31, 2024.
 - 2. General fund balance sheet as of August 31, 2024.
 - 3. General fund statement of revenues and expenses for nine months ending August 31, 2024.
 - 4. Gifts and Donations: \$10,479 were received for the Mid Foundation in August 2024.
- C. Monthly Personnel Report.

Mid Michigan College Board of Trustees Meeting

September 3, 2024

The meeting took place in the Esther C. Conference Room, Harrison Campus.

Board Present: Jane Zdrojewski, Board Chair; Michael Jankoviak, Vice Chair; Richard S. Allen Jr., Secretary; Thomas W. Metzger, Treasurer; George Gilmore, Trustee; Lois Pittsley, Trustee; Nate Weisenburger, Trustee

Guests: Timothy Hood, President; Scott Mertes, Provost; Lillian Frick, Vice President of Finance and Administration; Matt Miller, Vice President of Student Services & Advancement; Lori Fassett, Associate Vice President of Human Resources; Diane Miller, Faculty Senate President; Sherry Kyle, Temporary Part Time Executive Assistant to the President and Board of Trustees

Agenda Item I: *CALL TO ORDER*

The meeting was called to order by Chair Zdrojewski at 7:06 p.m. The Board Chair welcomed everyone to the meeting.

Agenda Item II: *APPROVAL OF AGENDA*

Motion by Trustee Allen to approve the agenda as presented. Second by Trustee Metzger. A voice vote showed All Ayes from the Trustees; Motion Carried.

Agenda Item III: *PUBLIC COMMENT*

Board Chair Zdrojewski asked for public comment. There were no public comments.

Agenda Item IV: *APPROVAL OF CONSENT ITEMS*

Motion by Trustee Allen to approve the consent items as presented. Second by Trustee Weisenburger. A voice vote showed All Ayes from the Trustees; Motion Carried.

Agenda Item V-A: *ENROLLMENT REPORTS*

Vice President Miller provided updated information concerning Fall 2024 enrollment data. Total number of students enrolled shows an increase of 5.4%. An additional 120 students will yet enroll through the Gratiot/Isabella RESD which will increase enrollment percentage following their registration. The Community College Guarantee and the Reconnect programs are both good efforts to enroll and keep students at the college. Total number of international students shows an increase this semester as well. Dual enrollment this semester has approximately 1,400 students. First-time freshman numbers are up 135%. These students carry an average of 11.46 credits. A discussion on free tuition for in-district students took place. Out-of-district students pay the difference only in out-district tuition rate. The college administrators informed trustees that everyone worked diligently to be certain enough classes were available to accommodate student needs. Shadow sessions were opened for the number of students registering. These were filled as students continued to register and more became available if needed. Provost Mertes informed the Board that many discussions have taken place with students and parents concerning the free tuition program. The Board Chair thanked everyone for their dedication to student needs.

Agenda Item VI-A: *CORRESPONDENCE AND ANNOUNCEMENTS*

President Hood shared with trustees that the parking lots are full at both campuses again now that the fall semester has begun. He offered kudos to everyone who worked hard and was flexible to make certain accommodations were made to suit student needs. Faculty members and the Deans worked together to

make everything work out and run smoothly. Welcome back picnics were held at both campuses with informational tables. The events were well attended.

The President also informed trustees that the air conditioning went down at the CLAB building in Mt Pleasant during the first week of classes. The building was very warm and maintenance personnel worked diligently to do what they could to provide some relief. Classes were moved to locations where it was cooler. Students and instructors were notified ahead of time when possible. Signage and further contact were made however possible. Provost Mertes thanked those employees who made it work smoothly – Lacey Anderson, Administrative Assistant for Academic Affairs; Alex Carey, Administrative Specialist to the Academic Deans-Health Science; and Phyllaire Murray, Administrative Specialist to the Academic Deans -Academic Affairs. Faculty Senate President Diane Miller added that it was a very smooth temporary transition that went well for students and faculty. Everyone was thankful to have classes in a comfortable setting. Vice President Frick shared that Matt Outinen is new to the Mt Pleasant maintenance crew and is a HVAC Technician and played a big role in doing whatever was possible to cool the building as best he could. Matt has 20 years' experience in HVAC at the casino in Mt Pleasant. James Osborn, recently promoted to Maintenance Manager of Facilities assisted in getting one compressor going at enough strength to cool the building down and provide relief from the heat. The weather also cooled down which helped considerably. Many thanks to those who assisted in overcoming the untimely breakdown.

Dr. Hood shared research concerning the College Retirees Luncheon which used to be held annually. The luncheons were discussed at the August 6th board meeting. The retiree luncheons were canceled due to the Covid outbreak but will continue again now that things are for the most part back to normal. Annette Sturdavant coordinated the luncheons up until the Covid outbreak. More to come.

Agenda Item VI-B: APPROVAL OF ALCOHOL ON CAMPUS (Board Policy 304.01)

Vice President Miller announced an event planned at the Mt Pleasant Center for Liberal Arts & Business to celebrate the anniversary of the building. Approval for serving alcoholic drinks at the event is requested for approval by the Board. The event will be held in the Community Room of the CLAB on November 6, 2024 and is the annual "*Evening of Gratitude.*"

A motion was presented by Trustee Metzger with support by Trustee Weisenburger to approve the request to serve alcoholic beverages on November 6th at the CLAB in Mt. Pleasant. All ayes – motion carried.

Agenda Item VI-C: KPI METRICS

President Hood reviewed information in the Key Performance Indicators hand-out which was sent to board members late this afternoon. The information was displayed on screens in the conference room. Dr Hood explained that there is some duplication in the report due to dual enrollment and it can be tweaked as necessary to provide more accurate information. Student success rates are a combination of graduated and/or course completion students. Information shifts according to student goals. Board Chair Zdrojewski asked if additional information on KPIs should be a future workshop goal and perhaps the data simplified to be more meaningful. Dr. Hood felt this would be a good workshop topic for the Board. The Board Chair asked trustees to share with President Hood any other KPI data they would like included for the next presentation, including success ratings. More to come.

Agenda Item VI-D: BOARD POLICY CHANGE (Board Policy 402)

Associate Vice President of Human Resources, Lori Fassett provided an overview of recommended changes to Board Policy 402-Salaries as an informational first reading. The second reading will take place at the October 1st regular meeting at which time the board will be requested to take action to approve the

modifications as presented. *Administrative employees hired or transferred into a new administrative position after April 30th will be compensated with a salary that covers the remainder of the current fiscal year as well as the entire following fiscal year.*

Agenda Item V-B: REAL ESTATE ACQUISITION ADJACENT TO MT. PLEASANT CAMPUS

The President shared with trustees that the landowners adjacent to the Mt Pleasant Campus have agreed to sell their property to the College and the price has come down from that originally discussed. Board authorization is necessary to move forward with the transaction.

A motion was brought forth by Trustee Jankoviak to authorize the purchase of the real estate at a price not to exceed as previously discussed by the Board in closed session. Support by Trustee Metzger; all ayes – motion carried.

Agenda Item V-C: CLOSED SESSION – TO CONSIDER MATERIALS EXEMPT FROM DISCLOSURE UNDER FOIA (Section 8.1.h of OMA)

Board Chair Zdrojewski announced that the Board would make a motion to go into closed session to consider materials exempt from disclosure under FOIA (section 8.1.h of OMA).

A motion was presented by Trustee Gilmore to go into closed session at 7:50 p.m.
Support by Trustee Weisenburger.

A voice vote showed all ayes from Trustees Weisenburger, Allen, Pittsley, Zdrojewski, Jankoviak, Gilmore and Metzger. Motion carried.

The Board returned to regular session at 8:38 p.m.

Agenda Item V-D: CLOSED SESSION – PRESIDENTIAL EVALUATION/SETTING GOALS (Section 8.1.a of OMA)

President Hood requested the Board go into closed session to discuss goal setting as associated with the presidential evaluation.

A motion was presented by Trustee Allen to go into closed session at 8:39 P.M.
Support by Trustee Weisenburger.

Voice vote showed ayes from Trustees Weisenburger, Allen, Pittsley, Zdrojewski, Jankoviak, Gilmore and Metzger. Motion carried.

The board returned to regular session at 9:05 p.m.

Agenda Item VII-A: CALENDAR OF EVENTS

The Board Chair requested that trustees review upcoming events of interest in the calendar of events.

Agenda Item VII-B: OTHER BUSINESS

Trustee Allen is taking his turn at signing 250 diplomas then will pass on to the next trustee. Electronic signatures may be considered as the number of diplomas continue to grow.

The Board Chair requested that any trustees who have not yet submitted their Board Self-Assessment Feedback form can still do so in the next few days.

Trustee Allen shared that he enjoyed the regional cross-country meet hosted by Mid two days last week. It was an excellent opportunity to showcase the college to the many visiting high school students and their families. An informational table was set up to hand out flyers and free items to guests.

A move for adjournment was provided by the Board Chair at 9:10 p.m.

Meeting adjourned at 9:10 PM

Sherry Kyle
Executive Assistant to the President and Board of Trustees

Jane Zdrojewski, Board Chair

Richard S. Allen, Jr., Board Secretary

DRAFT

MID MICHIGAN COLLEGE
FINANCIAL HIGHLIGHTS
GENERAL & WORKFORCE DEVELOPMENT FUNDS

August 31, 2024

GENERAL FUND REVENUE:

- 2024-25 tuition and fee revenue budget is based on flat enrollment from 2023-24 levels with a 4.73% increase in tuition rates. As of September 11, 2024, Fall 2024 enrollment showed a 7% increase in billable tuition hours.
- State appropriations revenue for 2024-25 will be booked in October, coinciding with the State's fiscal year and the disbursement of the first payment.
- No property tax revenue has been booked since 2025 taxes will not be levied until December 2024. The tax levy is projected at \$4,748,786.

GENERAL FUND EXPENSES:

- Departmental expenses are in line with 17% of the annual budget, with the exception of:
 - Instruction and Public Service are at 11% due to the academic calendar; expenses will pick up with the onset of Fall term.
 - Information Technology expended 23% due in part to up front costs for technology subscriptions (Moodle, Adobe, LinkedIn Learning.)
 - Operation and maintenance of plant expended 13% due in part to the unpredictable nature of maintenance and repair expenses.

GENERAL FUND REVENUE OVER EXPENSES:

- The total increase in net assets as of August 31, 2024 is \$5 million. This represents \$6.8 million of income for the Fall 2024 term (started August 28, 2024.)

BALANCE SHEET:

- The cash balance decreased \$105,447 from July 31, 2024 to help fund operations during the month of August.
- Student receivables increased \$1.6 million due to 2024 Fall term registration activity. The greater part of student balances will be paid when financial aid (student loans) is processed in September for the 2024 Fall term.
- The other receivables balance of \$221,490 consists mainly of accrued interest income, bookstore commissions receivable, and Workforce Development invoiced charges for workshops.
- The prepaid expense balance of \$479,091 represents a few multi-year prepaid items, and other various 2024-2025 expenses (including \$228,700 Ellucian maintenance contract.)
- The balance due to other funds of \$8.1 million can be broken down as follows:
 - \$1 million due to the designated student activities fund

- \$65,800 due to the auxiliary services for sales
- \$251,000 due to the scholarship and grant fund
- \$135,000 due from the restricted grant fund
- \$8 million due to building and site for current and future college needs
- \$1.1 million due from the Foundation
- The \$1.25 million in accrued payroll and other compensation includes expenses incurred but not paid as follows:
 - Accrued salary, wages and vacation of \$147,000
 - FICA, Federal and State withholding of \$45,000
 - MPSERS/ORP/UAAL payable of \$476,000
 - Employee health and dental insurances payable of \$456,000
 - Deferred faculty pay \$102,000
 - Miscellaneous payroll deductions
- A significant portion of the Unreserved Net Assets of \$8.3 million represents funds set aside by the Board of Trustees to fund current and future college expansion needs.

WORKFORCE DEVELOPMENT:

- Total revenue is at 29% of the annual budget.
- Total expenses, at 17% of the annual budget, represent operational costs for the months of July and August.
- The excess revenue over expense to date is \$197,518.

MID MICHIGAN COLLEGE
BALANCE SHEET
August 31, 2024

Assets

Current Assets:

Cash and cash equivalents	\$	17,200,007
Student receivables	\$	7,717,304
Other receivables	\$	221,490
Prepaid expenses and other assets	\$	479,091
Due from (due to) other funds	\$	(8,166,039)
Total current assets	\$	17,451,854

Total assets

\$ 17,451,854

Liabilities and Net Assets

Liabilities:

Accounts payable	\$	339,642
Accrued payroll and other compensation	\$	1,256,435
Total liabilities	\$	1,600,977

Net assets:

Reserved	\$	2,554,131
Unreserved	\$	8,323,510
Current year excess revenue over/(under) expenditures	\$	4,973,237
Total net assets	\$	15,850,877

Total liabilities and net assets

\$ 17,451,854

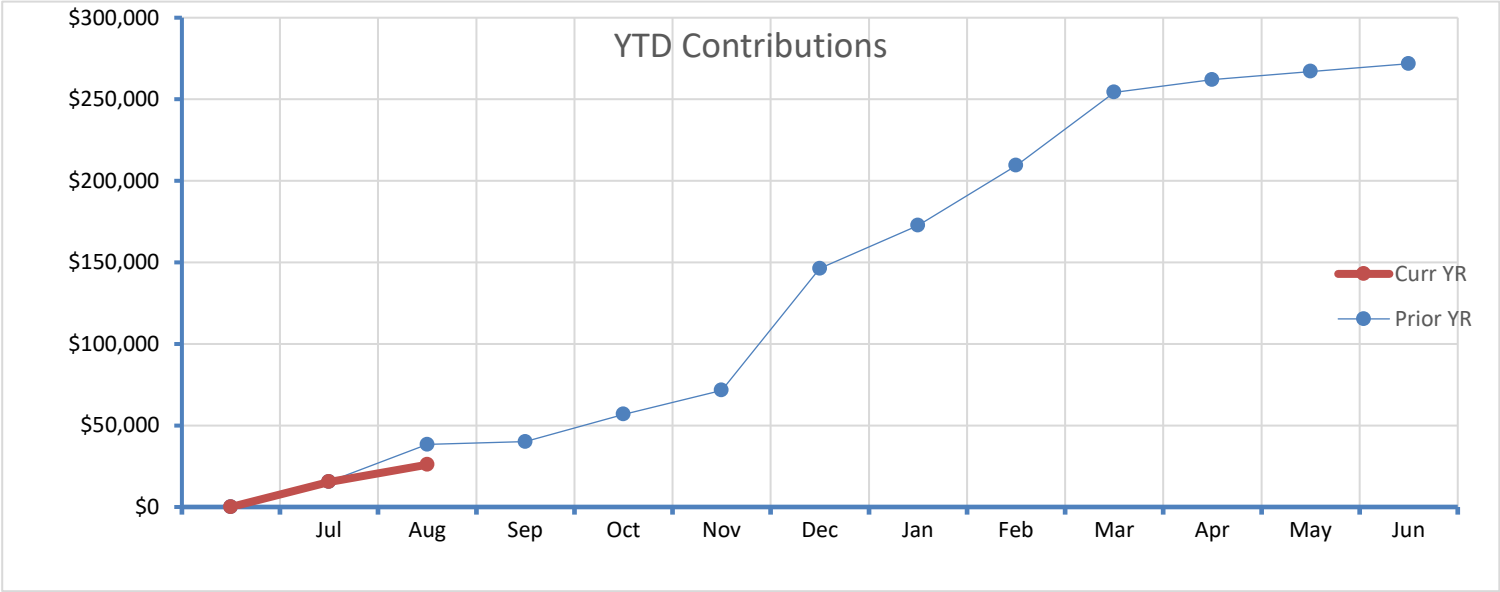
MID MICHIGAN COLLEGE
STATEMENT OF REVENUES, EXPENSES
For the two months ended August 31, 2024

	Current Fiscal Year		Prior Fiscal Year	
	Amount	% of Budget	Amount	% of Budget
OPERATING REVENUES:				
Tuition and fees	\$ 8,569,630	55%	\$ 7,490,027	53%
Miscellaneous	\$ 3,336	7%	\$ 3,043	5%
Total operating revenues	\$ 8,572,965	55%	\$ 7,493,070	52%
EXPENSES:				
Operating expenses:				
Instruction	\$ 1,304,911	11%	\$ 1,405,709	12%
Information technology	\$ 503,074	23%	\$ 384,041	18%
Public service	\$ 163,188	17%	\$ 177,895	22%
Instructional support	\$ 422,659	19%	\$ 333,924	17%
Student services	\$ 393,628	14%	\$ 427,105	14%
Institutional administration	\$ 638,530	15%	\$ 626,458	17%
Operation and maintenance of plant	\$ 351,287	13%	\$ 343,198	14%
Total operating expenses	\$ 3,777,277	14%	\$ 3,698,330	14%
Operating income/(loss)	\$ 4,795,688		\$ 3,794,741	
NON-OPERATING REVENUES:				
State appropriations	\$ -	0%	\$ -	0%
UAAL	\$ -	0%	\$ -	0%
Other State Revenue	\$ 109,998	0%	\$ 48,829	0%
Property tax levy	\$ -	0%	\$ -	0%
Investment income	\$ 149,993	34%	\$ 113,149	62%
Miscellaneous	\$ 7,558	4%	\$ 2,501	1%
Total Non-operating revenues	\$ 267,548	2%	\$ 56,538	0%
Revenues over/(under) expenses	\$ 5,063,237		\$ 3,941,354	
Inter Funds Transfers				
Planned Savings (Building & Site)	\$ 90,000	17%	\$ 89,136	17%
Bond Debt Service (Building & Site)	\$ -	0%	\$ -	0%
Restricted Grant Match	\$ -	0%	\$ 18,272	6%
Total Inter Funds Transfers	\$ 90,000		\$ 107,408	
Net increase (decrease) in Net Assets	\$ 4,973,237		\$ 3,851,812	

MID MICHIGAN COLLEGE
STATEMENT OF REVENUES, EXPENSES
For the two months ended August 31, 2024
Workforce Development

	Current Fiscal Year		Prior Fiscal Year	
	Amount	% of Budget	Amount	% of Budget
REVENUE:				
Professional Development Workshops	\$ 42,979	15%	\$ 70,925	22%
<u>Short-Term Training</u>				
Skilled Trades	\$ 181,310	29%	\$ 116,967	31%
Health Care	\$ 136,729	41%	\$ 84,624	32%
Total Revenue	\$ 361,018	29%	\$ 272,516	28%
EXPENSES:				
Administrative	\$ 47,496	13%	\$ 62,131	16%
Professional Development Workshops	\$ 16,076	28%	\$ 53,855	62%
<u>Short-Term Training</u>			\$ -	
Skilled Trades	\$ 53,496	15%	\$ 40,787	21%
Health Care	\$ 46,432	32%	\$ 23,653	15%
Total Expenses	\$ 163,500	17%	\$ 180,425	21%
EXCESS REVENUE OVER EXPENSES	\$ 197,518		\$ 92,091	
	55%		34%	

Mid Michigan College Contributions August 2024



	Curr YR	Prior YR
Monthly Contributions	\$ 10,479	\$ 22,718
YTD Contributions	\$ 25,922	\$ 38,262

YTD Top Contribution Totals in FY 2025:	
Lakers Athletic and Other Athletic Funds	\$ 21,535
Trish Finnerty Exp Learning	\$ 2,000
Lakers Leadership Fund	\$ 956
Lakers Academic Fund	\$ 425
General Fund (Unrestricted)	\$ 297
Other Funds	\$ 709
YTD Total	\$ 25,922

Contributions on this report do not include Foundation sponsored raffles and/or ticket sales.

TO: Board of Trustees

FROM: Lori Fassett, Associate VP of Human Resources

SUBJECT: Staffing Update, October 1, 2024, Board Meeting

DATE: September 10, 2024

FULL-TIME NEW HIRES:

Lacey Badelt – Community Relations Specialist

Effective: 08/26/2024

Lacey comes to Mid with over 10 years of working with a variety of community partners, with the last 3 years specific to owning and operating her own pop-up markets and retail shop. She holds an Associates Degree in Early Childhood Education & Associates Degree in Liberal Studies from Mid. Welcome to the Mid Team Lacey!!

NEW PART-TIME AND STUDENT EMPLOYEES:

Yousef Ai-Jarrah – Adjunct Math & Physics (Edustaff)	Effective: 08/20/2024
Brittany Ames – Adjunct Nursing (Edustaff)	Effective: 08/20/2024
Felicia Bigham – Adjunct Nursing (Edustaff)	Effective: 08/20/2024
Chezney Bower – Adjunct Nursing (Edustaff)	Effective: 08/20/2024
Shannon Carter – Adjunct Social Science (Edustaff)	Effective: 08/20/2024
Kristin Davis – Adjunct Nursing (Edustaff)	Effective: 08/20/2024
Mary Force – Adjunct Nursing (Edustaff)	Effective: 08/20/2024
Michael Formsma – Adjunct Accounting (Edustaff)	Effective: 08/20/2024
Scott Grigonis – Adjunct Communication & Social Science (Edustaff)	Effective: 08/20/2024
Michelle Heath – Adjunct MRI (Edustaff)	Effective: 08/20/2024
Hannah Hoag – Adjunct Nursing (Edustaff)	Effective: 08/20/2024

Haley Jerry – Adjunct Nursing (Edustaff)	Effective: 08/20/2024
Nick King – Adjunct Nursing (Edustaff)	Effective: 08/20/2024
Elizabeth Krchmar – Part-time Hospitality Assistant (Edustaff)	Effective: 08/21/2024
Aftan Lalk – Adjunct Nursing (Edustaff)	Effective: 08/20/2024
Lisa McCartney – Adjunct Graphic Design & Art (Edustaff)	Effective: 08/20/2024
Kendra Overla – Adjunct Criminal Justice & Law Enforcement (Edustaff)	Effective: 08/20/2024
Taylor Stamper – Adjunct Nursing (Edustaff)	Effective: 08/20/2024
Stephanie Steinhart – Adjunct Nursing (Edustaff)	Effective: 08/20/2024
Nil Upadhya – Adjunct Physics (Edustaff)	Effective: 08/20/2024
Clinton Cargill – Help Desk Student Associate	Effective: 08/19/2024
Kelly Koch – Temp PT Manager Laker Café	Effective: 08/09/2024
Dan McCarty – Student Worker Library	Effective: 08/19/2024
Lily McLaughlin – Student Worker Art Model	Effective: 08/26/2024
Joshua Pretzer – Student Worker SI Leader	Effective: 08/19/2024
Kaeden VanDorn – Student Worker Library	Effective: 08/26/2026
Breyanna Broski – Student Worker – SI Leader	Effective: 09/03/2024
Jackson Connors – Student Worker Content Creator	Effective: 08/26/2024
Martricia Farrell – Temp PT Compliance Support	Effective: 09/03/2024
Yeri Garcia-Matus – Student Worker SI Leader	Effective: 08/26/2024
Jessica Hill – Student Worker Admissions	Effective: 08/26/2024
Madison McRae – Student Worker Career Center	Effective: 09/03/2024

Carrie Streb – Student Worker Career Center

Effective: 08/26/2024

Katelyn VanHaitsma – SI Leader (Edustaff)

Effective: 08/26/2024

Robert (John) Werner – SI Leader (Edustaff)

Effective: 08/26/2024

INTERNAL TRANSFERS:

N/A

SEPARATIONS:

Margaret Rose – Instructor Support (Edustaff)

Effective: 08/12/2024

Jason Ballard – Student Worker Library

Effective: 08/16/2024

Emily O'Rourke – Student Worker Library

Effective: 08/16/2024

Austin Waggoner – Student Worker Help Desk

Effective: 09/04/2024

Jennifer Wright – Mid Mentor Title III

Effective: 09/06/2024

VACANCIES:

Adjunct Accounting (part-time)

Filled

Adjunct Advanced Manufacturing & Robotics – Huron ISD (part-time)

Posted

Adjunct Agriculture (part-time)

Posted

Adjunct Allied Health – various locations (part-time)

Posted

Adjunct Art Education (part-time)

Posted

Adjunct Automotive & Diesel Service (part-time)

Posted

Adjunct Biology (part-time)

Posted

Adjunct Communication – Various Locations (part-time)	Posted
Adjunct Computer Aided Drafting (CAD) (part-time)	Posted
Adjunct Criminal Justice (part-time)	Posted
Adjunct English – Huron ISD/Tuscola ISD (part-time)	Posted
Adjunct Geology (part-time)	Posted
Adjunct Hunting & Angling- Hunting Strategies (part-time)	Posted
Adjunct Math – various locations (part-time)	Posted
Adjunct Magnetic Resonance Imaging (MRI) (part-time)	Filled
Adjunct Nursing – General (part-time)	Filled
Adjunct Physics/Physical Science (part-time)	Filled
Adjunct Psychology – various locations (part-time)	Posted
Adjunct Sociology (part-time)	Posted
Adjunct Welding (part-time)	Posted
Administrative Assistant K12 Operations (part-time)	Posted
Athletic Director (full-time)	Interviewing
Assistant Coach Baseball (part-time)	Posted
Assistant Coach Clay Target Shooting (part-time)	Posted
Assistant Coach Women’s Basketball (part-time)	Posted
Automotive Lab Technician (part-time)	Posted
Childhood Development Associate Coach (part-time)	Filled
Community Relations Specialist (full-time)	Filled

Coordinator of Allied Health Faculty (full-time)	Posted
Foundation Assistant (part-time)	Posted
Heating/Refrigeration (HRA) Lab Technician (part-time)	Posted
Hospitality Assistant (part-time)	Filled
Maintenance Specialist (full-time)	Offer Extended
Mid Mentor (full-time)	Posted
Mid Mentor Title III (full-time)	Posted
Registration and Records Analyst (full-time)	Offer Extended
Strategic Communications Coordinator (full-time)	Posted
Temporary Full-Time Custodian (full-time)	Posted

Unfinished Business

Item V-A, Fall Enrollment Report

Presenter: Matt Miller

Board Consideration: Information

President's Recommendation:

None, informational.

Vice President of Student Services & Advancement Matt Miller will provide an update on the most recent Fall Semester enrollment data.

Fall 2024 Enrollment Report

The enrollment numbers for the Fall 2024 semester have been finalized. We are up 8.0% in student headcount and up 7.0% in contact hours compared to last Fall. The College budgeted to be flat in contact hours based on expected enrollment activity, but ended up with an increase of 2,101 contact hours.

Before we move into the numbers and analysis, I want to thank everyone across the College for their outstanding efforts to serve students and build enrollment over the last few months. Employees and faculty deserve praise for working so hard, for being creative and innovative, for collaborating, and for doing whatever needed to be done to help students succeed.

The full enrollment report is on the following pages. Here are a few notes . . .

- Overall, Credit Hours per Student (CHPS) was down a bit from last year.
 - Most of this decrease is due to the increase in dual enrolled students, because they take fewer credit hours.
 - CHPS were up for First-time Freshmen and Guests.
 - If we take Duals and Guests out of the equation (because those groups are not expected to be full-time), CHPS is up over last year (10.08 vs. 10.11).
- Dual enrolled students are at a record high – breaking the 1,500 mark for the first time!
 - Dual enrolled students make up 41% of our headcount and 24% of credits.
 - We serve over 100 students from Shepherd, Clinton County RESA, Huron ISD, Gratiot-Isabella ISD, and Clare.
 - We serve over 60 school districts across Michigan.
- Students took more online credits than last year. 48% of credits were taken online.
- Our average age for all students went down slightly this year. Again, this is mostly due to the increase in dual students.
 - We certainly have more dual students this year, but every age category is up.
- The ratio of men to women stayed the same as last year. 39% of our students are men compared to 61% women.
- Overall, the percentage of part-time students ticked up by about 1% since last Fall.
 - Some of this increase is due to the increase in dual students.
 - If we take out students who are under 18, then 44% of students are full-time.

There were a number of events, efforts, and circumstances that impacted the enrollment numbers this semester . . .

- The FAFSA was revised by the Department of Education which led to delays in processing awards – and a lot of confusion and angst among students across the country.
- The Community College Guarantee was announced in mid-July. This replaced the Michigan Achievement Scholarship and changed the way aid had to be calculated and communicated to students.
- The Reconnect Expansion opened up free in-district tuition to students 21 and older.
- We cancelled our first deregistration for non-payment due to the issues around financial aid at the state and federal level. Communication efforts were ramped up to ensure that students knew what was happening and why.
- The Strategic Communications Office was able to increase marketing efforts due to an additional budget allocation, along with a grant from the State to support the Reconnect Expansion.
 - In addition to general brand marketing, the SCO worked with deans to identify programs to focus on: Manufacturing Technology, Business, Physical Therapist Assistant, Digital Media, and Agriculture Science.
- The new website launched on March 11, 2024. The site improved communication and outreach to potential students.
 - The number of inquiry form submissions went up by about 240% for the 6 months after the website went live.
 - Average engagement time increased by over 150%.
 - The program pages are up 51% in pageviews.
 - Our pages are getting better search rankings and are being found more often.
- We have a new list service that allows us to target prospective students more directly. This has significantly improved our ability to identify and reach people.
- The College Now summer bridge program helped bring students to Mid in the Fall.
 - 48 of 64 enrolled at Mid in the Fall--most enrolled for 12 or more credits.
- Dual enrollment was up in a number of schools.
 - We held an Early Middle College bootcamp with the Huron ISD.
 - In general, Early Middle College (5th year dual enrollment) programs are gaining in popularity.
 - We had 18 additional students from Ewart, which is where we are piloting the new WAVE program to help high school students prepare for what comes next.
 - We established a new K-12 operations department to focus on dual enrollment.
 - Hiring more concurrent enrollment instructors (high school teachers who also teach Mid classes) appears to have increased enrollment.

- We increased our outreach to students who left Mid without a degree.
 - We mailed letters to 170 former students who were close to a degree.
 - The new ReUp program (funded by the State) began outreach to stop-out students in late-August. We should see more applicants from this in the Winter – and the State funding for this program continues through 2026.
- We saw a jump in enrollment for a few criminal justice courses. This is likely due to the Corrections Officers grant from the MCCA, which provides free tuition for corrections officers who need to meet training requirements.
- A new Elementary Education articulation agreement with CMU has allowed us to offer three courses that we haven't offered in a long time.
- The Admissions Office has increased their outreach efforts. For example:
 - We hosted roundtable discussions for high school students to highlight Criminal Justice, Skilled Trades, Health, Art and Design, and Business.
 - A grant funded program (Student Connections) made calls to prospective students on behalf of Mid.
 - Attended 15 job fairs and made 58 high school visits.
 - Began outreach to groups, like businesses and chambers, to recruit non-traditional students.

Thank you for your support of our enrollment efforts. Please let me know if you have any questions.

Fall 2024 Enrollment Report

	Fall 2024	Fall 2023	Fall 2022	Diff 23 to 24	% Diff 23 to 24
	<i>as of 9-11-24</i>	<i>as of 9-13-23</i>	<i>as of 9-14-22</i>		
Number of students	3696	3421	3381	275	8.0%
Total Credit Hours	28759	26938	27414	1821.5	6.8%
Total Contact Hours	32058	29957	30310	2101	7.0%

Credit Hours by Location

Harrison	3896	3987	3377	-91	-2.3%
Mount Pleasant	7276	7084	6974	192	2.7%
Online	13825	12519	12893	1306	10.4%
Other	3738	3407	4170	331	9.7%

Residency

In-District Credit Hours	13539	13236	13482	303	2.3%
Out-District Credit Hours	15087	13724	13830	1363	9.9%
International Credit Hours	133	38	102	95	250.0%

	Fall 2024 Credits	Fall 2023 Credits	Fall 2022 Credits	Fall 2024 Credits - Target	FA 2024 as % of Final FA 2023 Credits
	<i>as of 9-11-24</i>	<i>as of 9-13-23</i>	<i>as of 9-14-22</i>		<i>as of 9-13-23</i>
Dual	6810	6163	5994	6325	111%
First-Time Freshman	5830	4654	4518	4773	125%
Guest	527	403	380	420	131%
Returning	13037	13209	12866	12985	99%
Transfer	2556	2510	3656	2511	102%
TOTAL	28760	26939	27414	27014	107%

	Fall 2024 Students	Fall 2023 Students	Fall 2022 Students	Fall 2024 Students - Target	FA 24 Credit Hours per Student
	<i>as of 9-11-24</i>	<i>as of 9-13-23</i>	<i>as of 9-14-22</i>		<i>as of 9-13-23</i>
Dual	1508	1343	1216	1375	4.52
First-Time Freshman	511	417	421	430	11.41
Guest	70	57	62	60	7.53
Returning	1354	1359	1354	1325	9.63
Transfer	253	245	328	245	10.10
TOTAL	3696	3421	3381	3435	7.78

	Fall 2024	Fall 2023	Fall 2022	Fall 2021	Fall 2020	Fall 2019
Credit hours per students for all students	7.78	7.87	8.11	8.24		
Credit hours per student for First-Time Freshman, Returning, and Transfer students:	10.11	10.08	10.00	9.91	10.18	10.33
Student Count						
In-District	1392	1326	1428	1612	1025	1195
Out-District	2292	2092	1944	1698	2270	2538
International	12	3	9	8	15	36
Grade Level						
# of Freshman	2734	2420	2332	2649	2181	2607
# of Sophomores	687	696	737	515	793	825
# of Other	275	305	312	154	336	337
Age						
Average Age (all students)	21.34	21.66	21.88	22.00	20.99	21.13
# Under 18	1486	1318	1181	1105	1133	1112
# 18 - 21	1117	1081	1161	1145	1293	1566
# 22 - 25	409	368	369	390	392	507
# 26 - 30	255	231	218	242	199	264
# 31 and over	429	423	452	436	293	320
% Part-Time Students	71.6	71.1	70.1	70.3	67.3	64.2
% Full-Time Students	28.4	28.9	29.9	29.7	32.7	35.8
% Part-Time Men	26.6	27.3	22.8	22.2	22.2	23.3
% Full-Time Men	12.5	12.1	13.1	12.9	13.5	16.5
Total % Men	39.1	39.4	35.9	35.1	35.7	39.8
% Part-Time Women	45.0	43.8	47.3	48.1	45.0	40.9
% Full-Time Women	15.9	16.8	16.8	16.8	19.3	19.3
Total % Women	60.9	60.6	64.1	64.9	64.3	60.2
Percent of Enrollment by Credits						
Harrison Campus	13.5%	14.8%	12.3%	13.4%	12.3%	14.6%
Mt. Pleasant Campus	25.3%	26.3%	25.4%	27.6%	27.2%	47.1%
Online	48.1%	46.5%	47.0%	45.9%	48.9%	30.7%
Other	13.0%	12.6%	15.2%	13.1%	11.6%	7.5%
Percent of Enrollment by Credits						
Dual	23.7%	22.9%	21.9%	21.7%	22.7%	17.4%
First-Time Freshman	20.3%	17.3%	16.5%	19.1%	21.4%	24.0%
Guest	1.8%	1.5%	1.4%	0.9%	1.0%	1.9%
Returning	45.3%	49.0%	46.9%	50.2%	48.2%	46.5%
Transfer	8.9%	9.3%	13.3%	8.1%	6.7%	10.1%

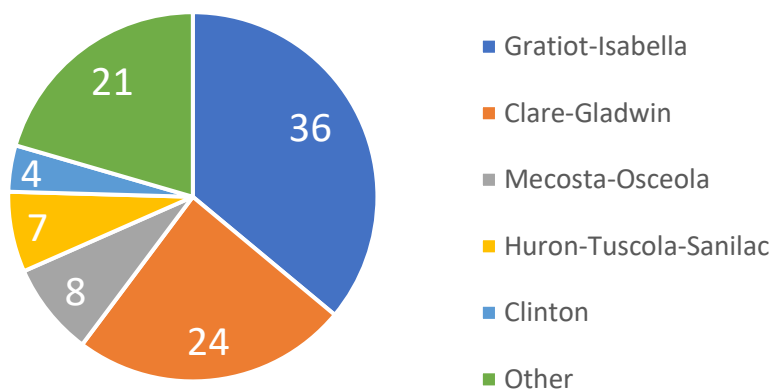
Percent of Enrollment by Headcount

Dual	40.8%	39.3%	36.0%
First-Time Freshman	13.8%	12.2%	12.5%
Guest	1.9%	1.7%	1.8%
Returning	36.6%	39.7%	40.0%
Transfer	6.8%	7.2%	9.7%

% of Students from Counties

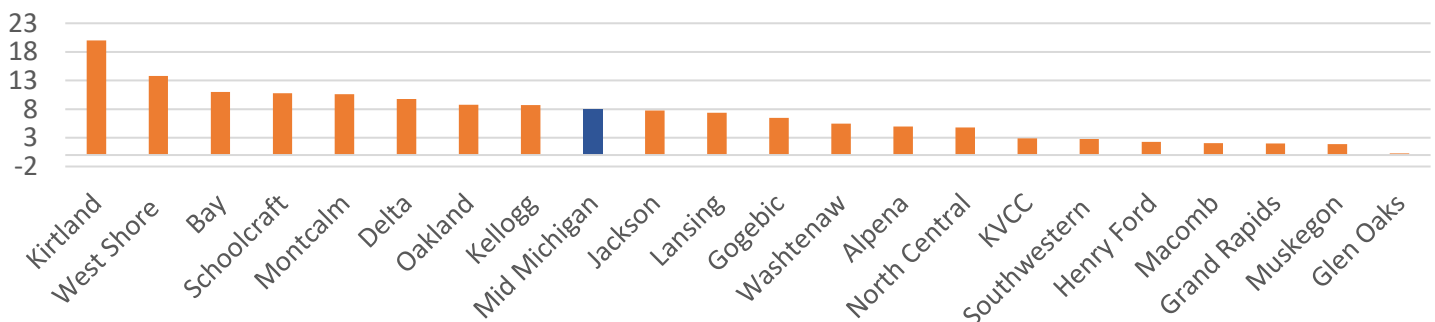
Isabella	24.1	26.3	25.2	25.9	24.8	26.2
Clare	14.9	15.4	15.1	15.3	16.2	16.5
Gratiot	12.0	12.9	10.8	10.7	9.9	10.9
Gladwin	9.3	9.4	9.7	9.1	9.9	10.0
Mecosta	4.6	4.0	5.1	5.6	4.4	3.9
Midland	2.8	2.7	2.7	3.3	2.8	3.0
Huron	4.1	3.4	3.3	3.4	3.6	3.2
Oakland	0.7	0.6	0.7	0.8	0.7	1.3
Osceola	3.5	3.1	3.6	3.1	3.4	3.0
Tuscola	2.3	1.6	1.2	1.9	2.2	1.5
Sanilac	0.6	0.8	0.9	0.9	1.3	1.1
Clinton	4.1	3.7	2.6	2.3	2.6	0.5
Gratiot-Isabella Counties	36.0	39.2	36.0	36.5	34.7	37.1
Clare-Gladwin Counties	24.2	24.7	24.9	24.4	26.1	26.5
Mecosta-Osceola Counties	8.2	7.1	8.7	8.7	7.7	6.9
Huron-Tuscola-Sanilac	7.0	5.8	5.4	6.1	7.1	5.8
Clinton County	4.1	3.7	2.6	2.3	2.6	0.5
Number of Counties Served	71 of 83	74 of 83	73 of 83	71 of 83	75 of 83	73 of 83
	Fall 2024	Fall 2023	Fall 2022	Fall 2021	Fall 2020	Fall 2019

% of Students from Counties

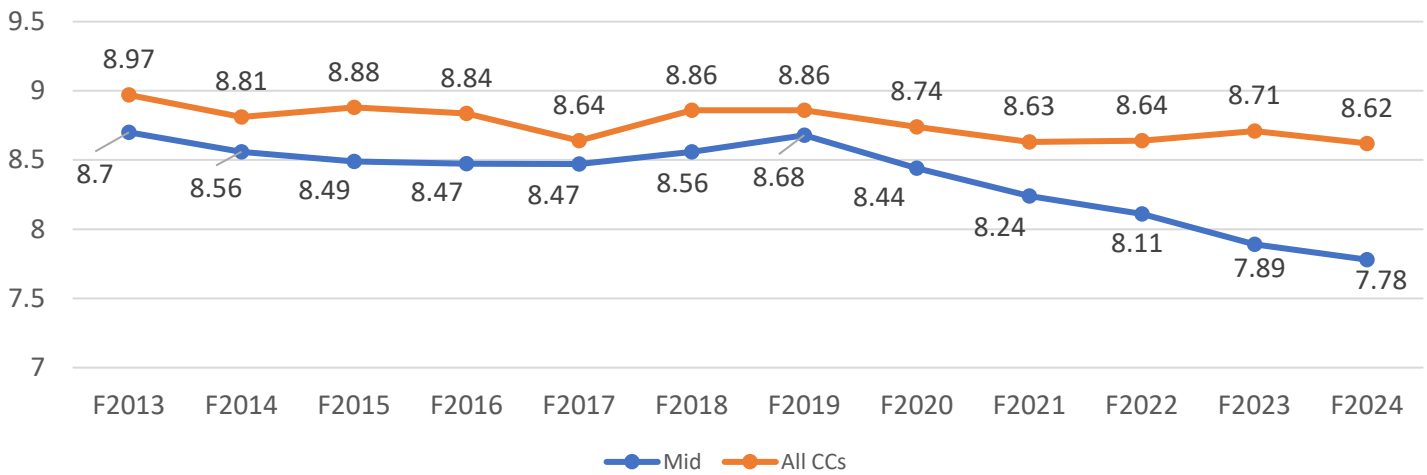


Community College	Report date	% Change in Credit Hours	% Change in Headcount	Total Credit Hours	Total Headcount	Semester Start Date
Kirtland	8/26/2024	7.8	20	12,871	1,634	8/26/2024
West Shore	9/9/2024	15	13.8	10,514	1,178	8/26/2024
Bay	8/31/2024	11	11	17,684	2,125	8/26/2024
Schoolcraft	9/16/2024	12.6	10.8	76,593	8,454	8/26/2024
Montcalm	8/12/2024	14	10.6	13,055	1,683	8/17/2024
Delta	9/9/2024	10	9.8	71,260	8,381	8/24/2024
Oakland	8/27/2024	11.3	8.8	131,094	14,976	8/26/2024
Kellogg	9/3/2024	8	8.7	34,745	4,350	8/26/2024
Mid Michigan	9/11/2024	6.8	8	28,759	3,696	8/26/2024
Jackson	9/11/2024	8.6	7.8	44,455	5,422	8/26/2024
Lansing	8/27/2024	7.1	7.4	87,339	9,845	8/22/2024
Gogebic	8/26/2024	7.4	6.5	8,793	887	8/26/2024
Washtenaw	9/9/2024	4.1	5.5	89,771	10,967	8/26/2024
Alpena	9/9/2024	5.8	5	13,723	1,589	8/26/2024
North Central	9/16/2024	6.7	4.8	14,443	1,629	9/3/2024
KVCC	9/13/2024	1.2	2.9	53,940	6,520	9/4/2024
Southwestern	9/11/2024	1.8	2.8	20,895	2,044	9/3/2024
Henry Ford	9/17/2024	3.8	2.3	107,070	11,808	8/22/2024
Macomb	9/16/2024	2.4	2.1	142,221	15,958	8/19/2024
Grand Rapids	9/5/2024	1.5	2	103,150	12,422	8/26/2024
Muskegon	9/12/2024	4.8	1.9	30,813	3,608	8/26/2024
Glen Oaks	9/11/2024	0.4	0.3	10,193	1,189	8/26/2024
Lake Michigan						
Monroe County CC						
Mott						
Northwestern						
SC4						
Wayne County						
		6.9 (average)	6.9 (average)	1,123,381 (total)	130,365 (total)	8.62 (average)

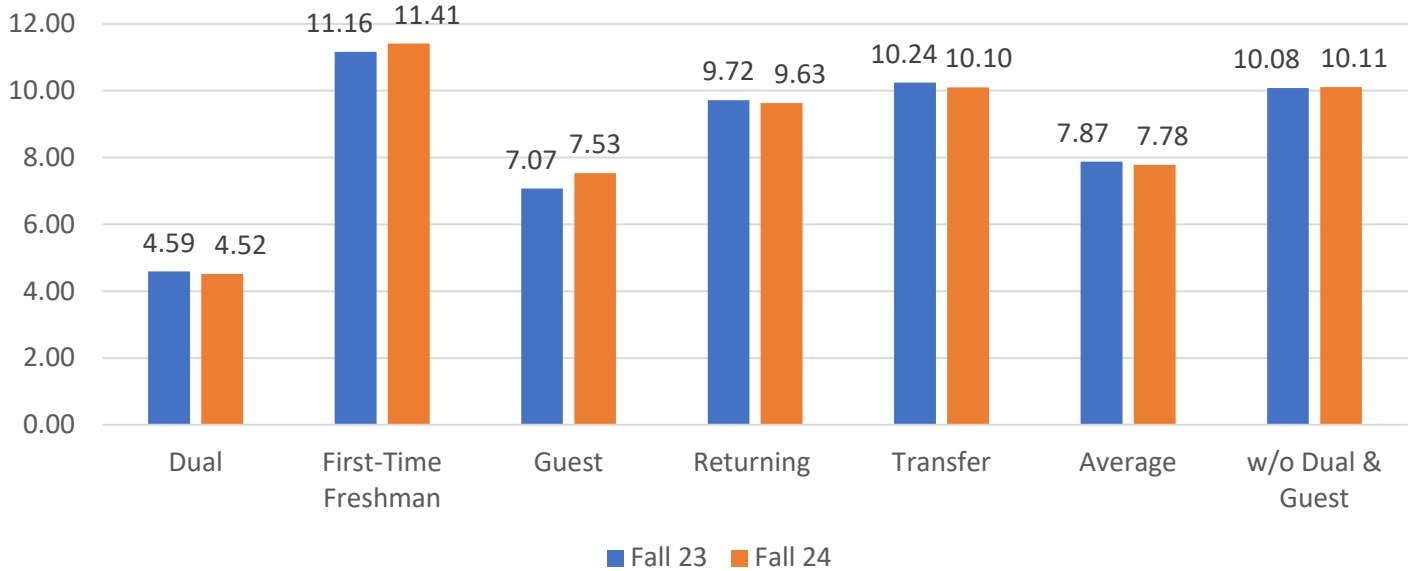
% Change in Headcount



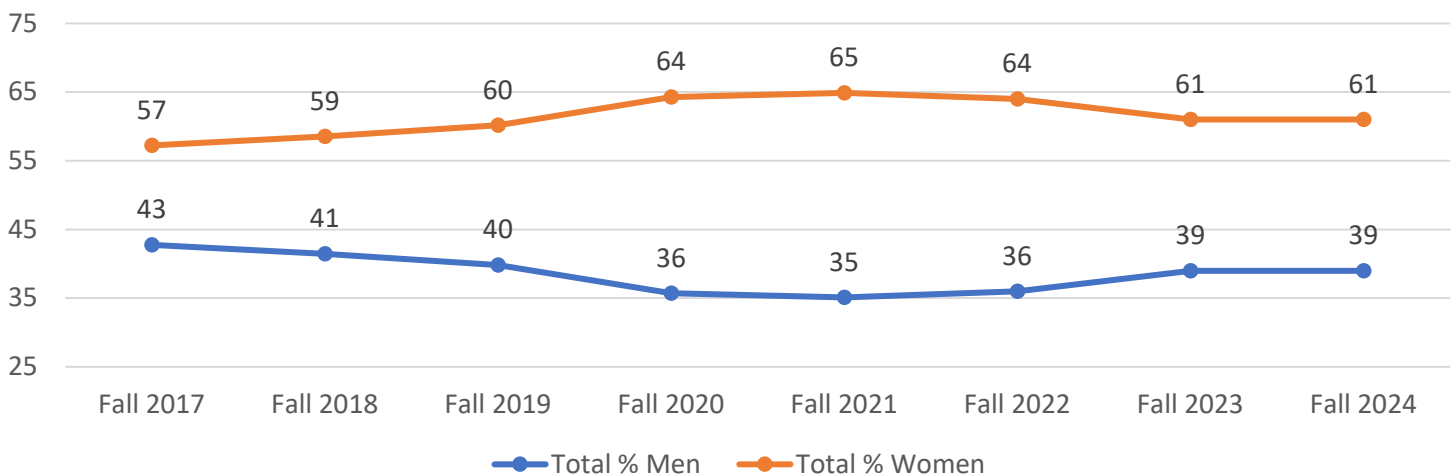
Credit Hours Per Student



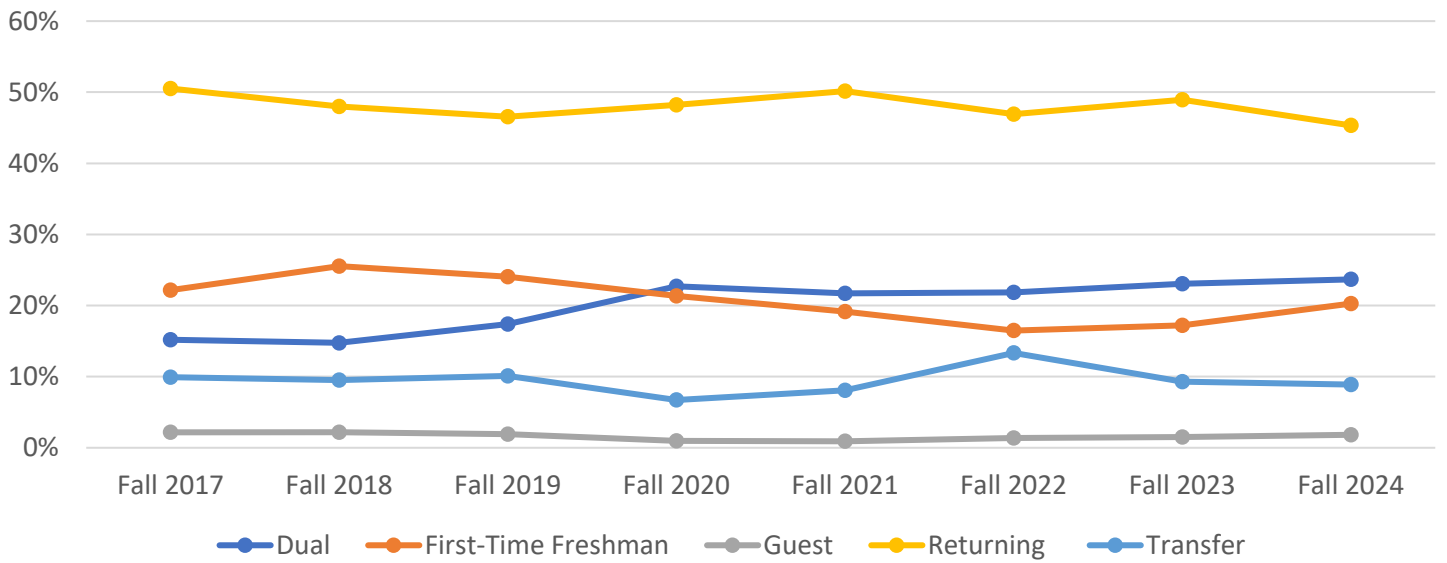
Credit Hours Per Student by Student Type



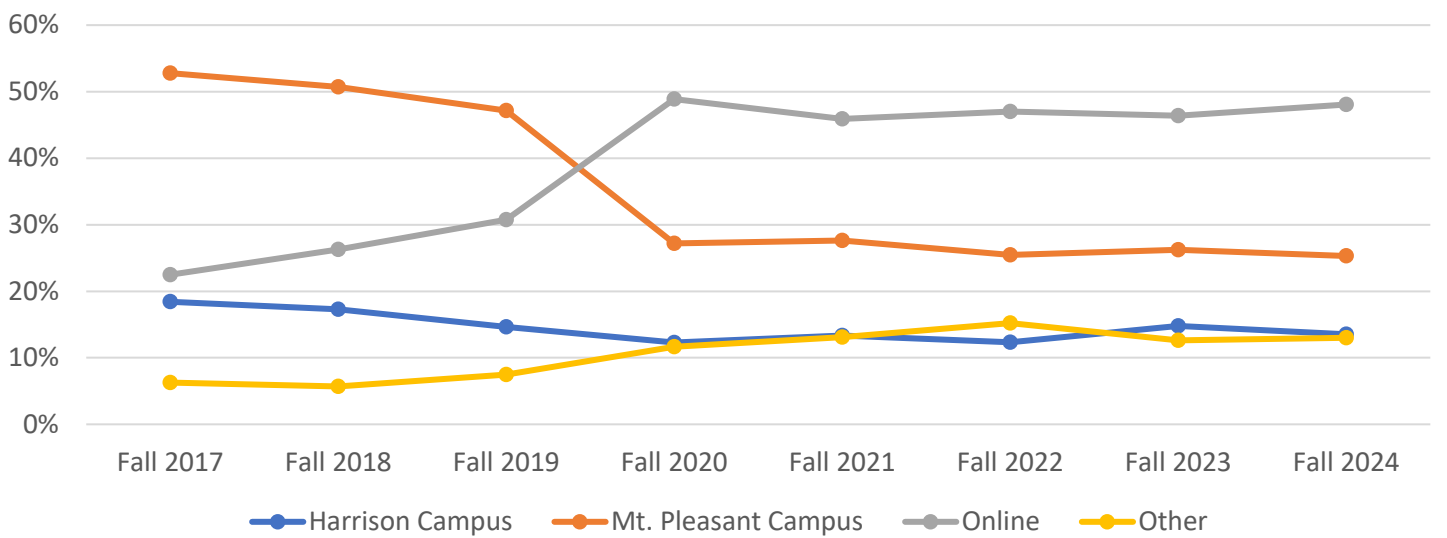
% Male and Female Students



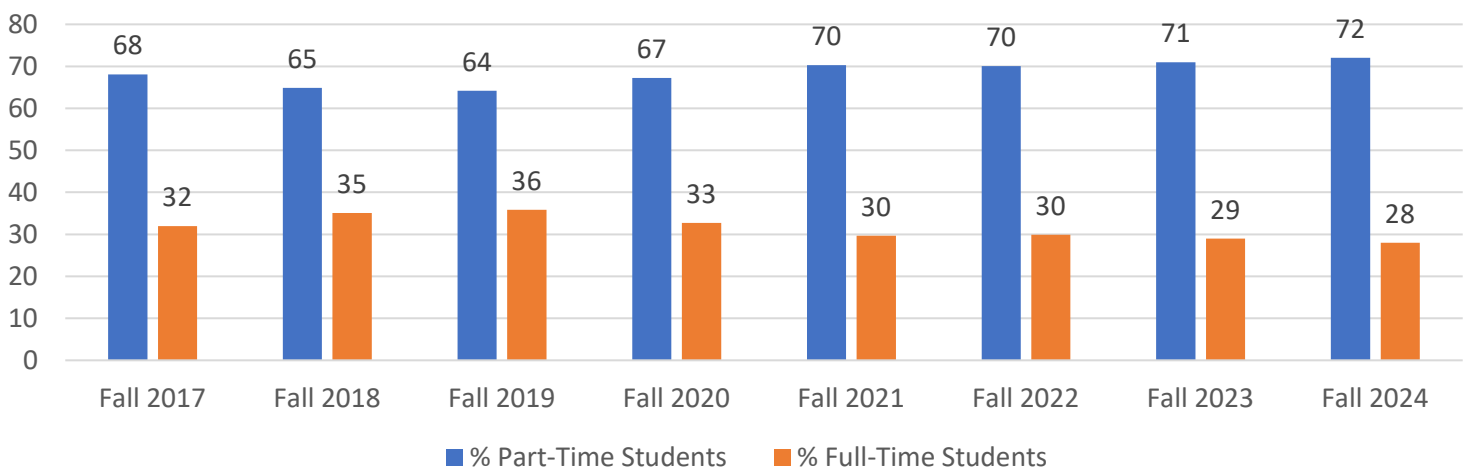
% of Enrollment by Credits - Student Type



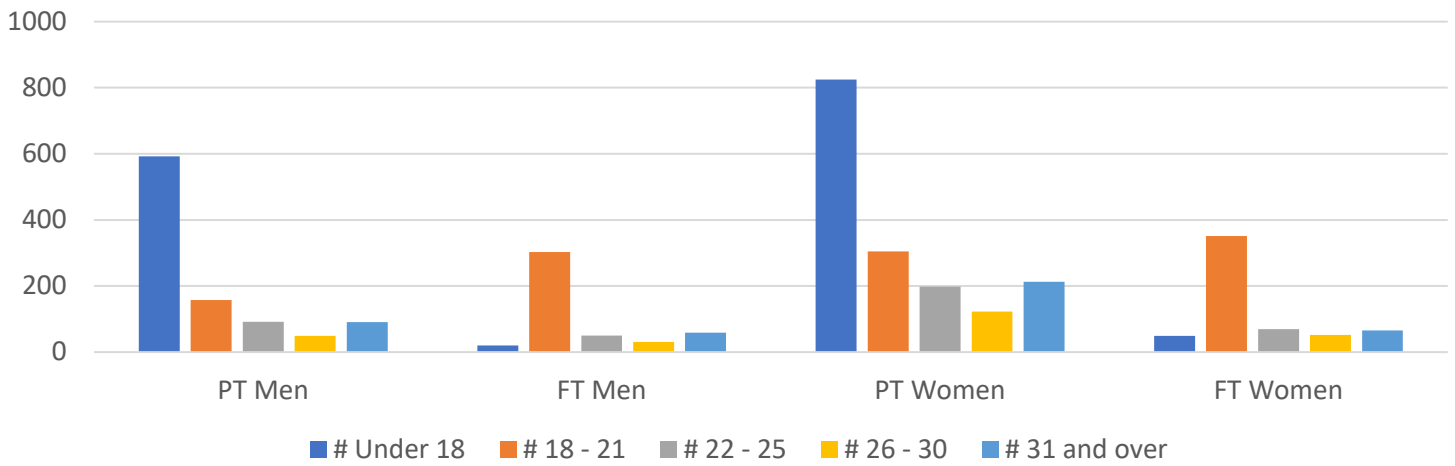
% of Enrollment by Credits - Location



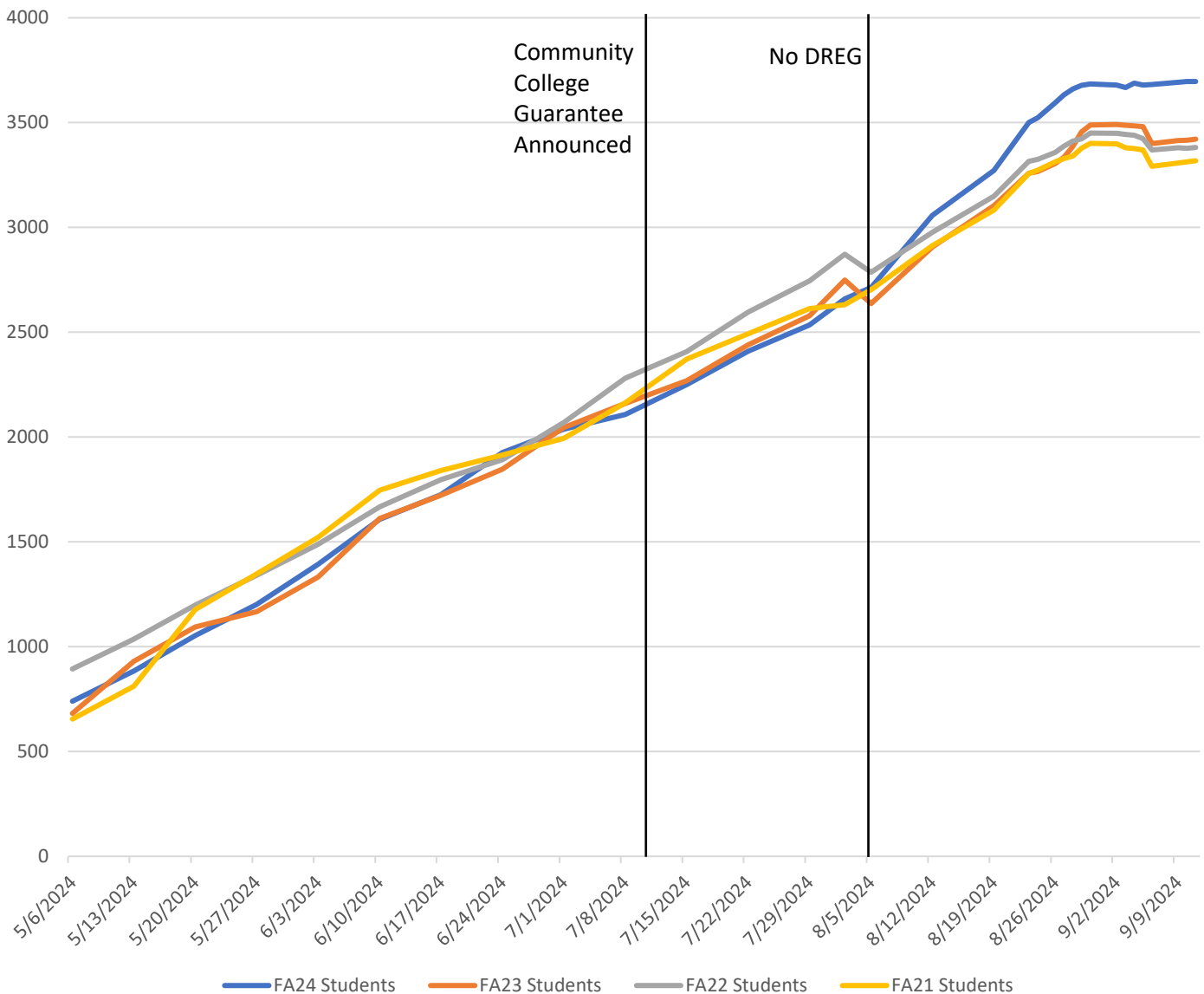
% of Students PT and FT



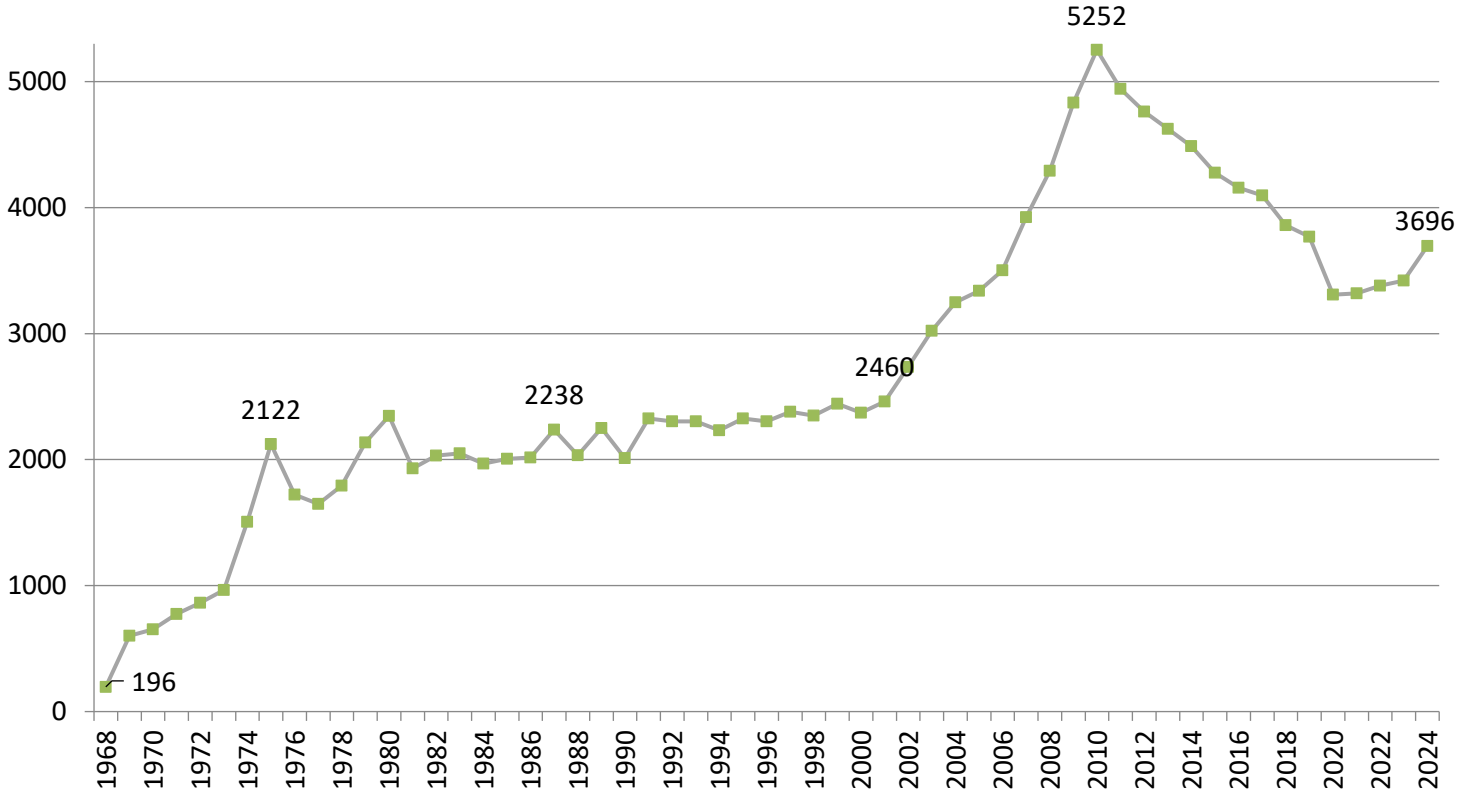
Fall 2024 Student Status



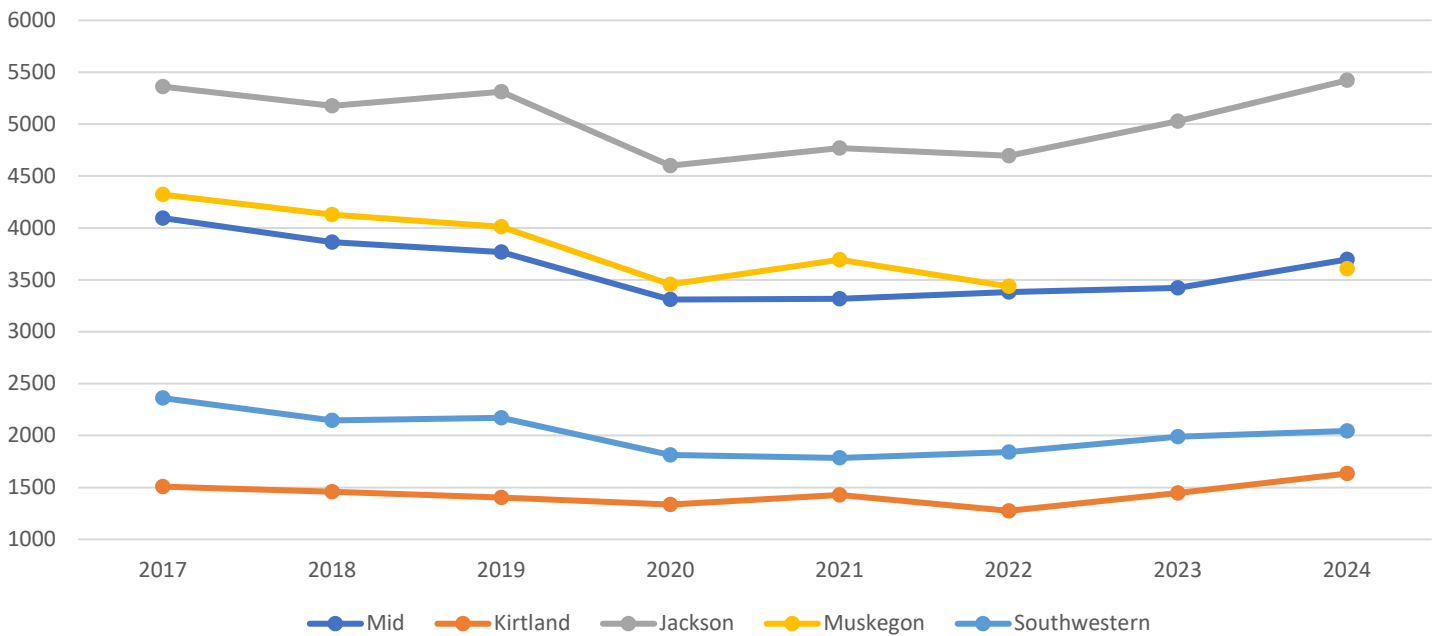
Number of Students



Fall Students



Fall Enrollment Headcount



New Business

Item VI-A: Correspondence and Announcements

Presenter: President Hood

Board Consideration: Information

President's Recommendation:

None, informational.

President Hood will provide announcements and updates at this time.

New Business

Item VI-B: Community Colleges Local Strategic Value Resolution

Presenter: President Hood

Board Consideration: Action

President's Recommendation:

Motion to certify for resolution.

President Hood will present the Community Colleges Local Strategic Value document for resolution.

Community Colleges Local Strategic Value

Institution: Mid Michigan College

As per Section 230(2) of the State School Aid Act (MCL.338.1830), a community college must demonstrate that it meets the Local Strategic Value qualifications to receive the portion of each college's performance funding appropriation earmarked for local strategic value. The statute lists 15 separate best practices for community colleges to achieve. Institutions must satisfy 4 of 5 best practices in each of 3 different categories.

A community college must certify by means of a board of trustees resolution that the college has met 4 of 5 best practices in each category. Further, each board resolution "shall provide specifics as to how the community college meets each best practice measure within each category." **This resolution must be properly passed by the board and submitted to the State Budget Office on or before October 15, of each academic year.** However, if a resolution from a prior year is still in effect and factually correct, you may resubmit this resolution.

Please use this table as a method to **briefly** detail what your community college is doing to meet the best practices in each category. Each category is worth one-third of the total amount available for your institution. Your institution must meet 4 out of 5 best practices in a category to receive funding associated with that category.

Best Practices by Category	Examples of Adherence
Category A: Economic Development and Business or Industry Partnerships (must meet 4 of 5)	
(i) The community college has active partnerships with local employers including hospitals and health care providers.	Mid is a member of the MiRIS Consortium, and partners with several area healthcare systems to provide our students with the best possible hands on education, including clinicals. Mid has representatives that sit on the Boards for MyMichigan Health and local economic development organizations. Local healthcare, employers and workforce and economic representatives also participate in Mid Advisory Boards and participate in strategic planning initiatives.
(ii) The community college provides customized on-site training for area companies, employees, or both.	Mid provides on-site training via its phlebotomy, certified nurse aide, truck driving, manufacturing processes, and business development, among many other short-term training programs. In addition, the workforce and economic development team provides a number of customized trainings for local employers, including partnership via the Going PRO Talent Fund program.

Best Practices by Category	Examples of Adherence
(iii) The community college supports entrepreneurship through a small business assistance center or other training or consulting activities targeted toward small businesses.	The Mid Michigan Small Business Development Center is located on our Mt. Pleasant Campus. The consultants provide confidential 1:1 counseling and work diligently with local businesses to create and retain small businesses and employment in the region.
(iv) The community college supports technological advancement through industry partnerships, incubation activities, or operation of a Michigan technical education center or other advanced technology center.	Mid maintains a very close working partnership with the Central Michigan Manufacturers Association, (CMMA) including our President sitting on their Advisory Board. The CMMA maintains an office on our Mt. Pleasant campus. Mid also operates technical education centers on both our Harrison and Mt. Pleasant campuses offering short term, customized and grant training programs. Partnerships have also included working directly with the Michigan Manufacturing Technology group to advance training for local employers. Mid also maintains efforts to work with ISD's on various grant programs.
(v) The community college has active partnerships with local or regional workforce and economic development agencies.	Mid has close and strong partnerships with several local economic development agencies including the Middle Michigan Development Corporation, Gladwin County EDC and Great Lakes Bay Regional Alliance. The President serves on the Board of Advisors for the Great Lakes Bay Regional Alliance.
Category B: Educational Partnerships (must meet 4 of 5)	
(i) The community college has active partnerships with regional high schools, intermediate school districts, and career-tech centers to provide instruction through dual enrollment, concurrent enrollment, direct credit, middle college, or academy programs.	Mid serves over 50 dual enrollment partners and 9 early middle college programs through dual or concurrent enrollment. In total, Mid serves more than 1,400 dual enrolled students. The workforce team has played an active role in STEM initiatives creating ladder learning opportunities for K-12 students.
(ii) The community college hosts, sponsors, or participates in enrichment programs for area K-12 students, such as college days, summer or after-school programming, or science Olympiad.	Mid hosts several programs throughout the school year and in the summer to engage area K-12 students in various activities. Some of these activities include career days, college fairs, College 101 presentations, Science Olympiad and college exploration events. The College also offers a STEM summer camp through its Educational Talent Search program.

Best Practices by Category	Examples of Adherence
<p>(iii) The community college provides, supports, or participates in programming to promote successful transitions to college for traditional age students, including grant programs such as talent search, upward bound, or other activities to promote college readiness in area high schools and community centers.</p>	<p>Mid has an Educational Talent Search (ETS) program which serves 500 students in grades 6-12. The program introduces students to enrichment programs, cultural activities, and college preparedness workshops.</p> <p>The College also participates in local College Access Networks and work directly with local high schools on college readiness programming.</p> <p>Mid has developed a pilot program, called WAVE, to expand its college-readiness programming in local high schools. Students will engage in college prep and transition activities from 9-12 grades.</p>
<p>(iv) The community college provides, supports, or participates in programming to promote successful transitions to college for new or reentering adult students, such as adult basic education, GED preparation and testing, or recruiting, advising, or orientation activities specific to adults.</p>	<p>Mid has been focusing additional efforts to recruit, train, and support adult learners through programming, events, and academic resources. Mid has a Mentor dedicated to non-traditional students so they have the support needed from application through graduation. The College works with local businesses that might send non-traditional learners to the College for additional training to ensure that students get exactly what they need. Mid also offers a career center to assist students with their employment search based on their needs and skills.</p>
<p>(v) The community college has active partnerships with regional 4-year colleges and universities to promote successful transfer, such as articulation, 2+2, or reverse transfer agreements or operation of a university center.</p>	<p>Mid has several reverse transfer agreements with universities around the state. We are a part of the MRI Collaboration. Mid also partners with universities to offer advising and information on campus in order to successfully transfer. Mid also sits on the Higher Education Advisory Board for MCAN and works across the state to develop 2+2 and 3+1 agreements.</p> <p>Mid has articulation agreements with a number of universities (CMU, SVSU, Ferris, Northwood, etc.). We have 3+1 agreements in place with Northwood University and Wayne State University which allow our students to transfer 82 or more credits from Mid to Northwood or Wayne State.</p>

Best Practices by Category	Examples of Adherence
Category C: Community Services (must meet 4 of 5)	
(i) The community college provides continuing education programming for leisure, wellness, personal enrichment, or professional development.	Mid offers a series of classes dedicated to “Lifelong Learning” for people who are looking to learn something outside the box. The classes Mid has offered in this series recently relates to topics such as dog training, painting, financial investing, artistic welding, and genealogy.
(ii) The community college operates or sponsors opportunities for community members to engage in activities that promote leisure, wellness, cultural or personal enrichment such as community sports teams, theater or musical ensembles, or artist guilds.	The Mid Michigan Lakers are members of the NJCAA and the Michigan Community College Athletic Association and have teams in basketball, baseball, softball, bowling, clay target shooting and cross country. Student organizations host various events such as movie nights, haunted trails, and fundraisers on campus for community members to enjoy. The College also offers a number of events throughout the year that promote awareness and cultural enrichment.
(iii) The community college operates public facilities to promote cultural, educational, or personal enrichment for community members, such as libraries, computer labs, performing arts centers, museums, art galleries, or television or radio stations.	Mid’s library services including book checkout, computer use, and interlibrary loan are available to the public. Both the Harrison and Mt. Pleasant campuses have areas available to the community and often play host to speakers and cultural events. Mid also makes its conference rooms available to nonprofit organizations (including the State) for events and trainings at minimal costs.
(iv) The community college operates public facilities to promote leisure or wellness activities for community members, including gymnasiums, athletic fields, tennis courts, fitness centers, hiking or biking trails, or natural areas.	Both the Harrison and Mt. Pleasant campus of Mid Michigan College have a fitness center available for community use. The Harrison campus also has 3 miles of walking trails and a 19-mile biking trail system throughout its beautiful 560-acre wooded campus, which also includes a pavilion and restroom facility. The College recently completed a disc golf course on the Harrison Campus available for community use.
(v) The community college promotes, sponsors, or hosts community service activities for students, staff, or community members.	The College is an active member in each community it serves. Through engagement with local organizations (chambers of commerce, service clubs, community foundations), the College actively encourages, sponsors, and participates in community service activities. Mid students actively engage in community service activities through the Student Life office and especially through the Phi Theta Kappa honor society.

New Business

Item VI-C: 2023-2024 Financial Audit (Board Policy 303.01)

Presenter: Lillian Frick

Board Consideration: Action

President's Recommendation:

Motion to approve.

Vice President of Finance & Administration Lillian Frick will present the results of the 2023-24 Financial Audit conducted by Rehmann for approval.

New Business

Item VI-D: Key Performance Indicators

Presenter: President Hood

Board Consideration: Information

President's Recommendation:

None, informational.

President Hood will provide an update on the Key Performance Indicators.

Key Performance Indicators

BOARD OF TRUSTEES DISCUSSION

OCTOBER 2024



Current KPIs

Enabling Student Success

- Enrollment
- Course Success Rates
- Fall-to-Fall Retention
- Assessment Proficiency
- Completion or Transfer Rate

Enhancing Employee Success

- # of Applicants per Posting
- % Annual Turnover – FT employees
- % of Positions filled within Mid
- # of FT Employees Using Tuition Reimbursement

Engaging the Community

- Dual Enrollment Headcount
- SBDC Capital Formation
- Lifelong Learning ROI
- Number of Donations
- Number of Workforce Development Training Participants

Institutional Effectiveness

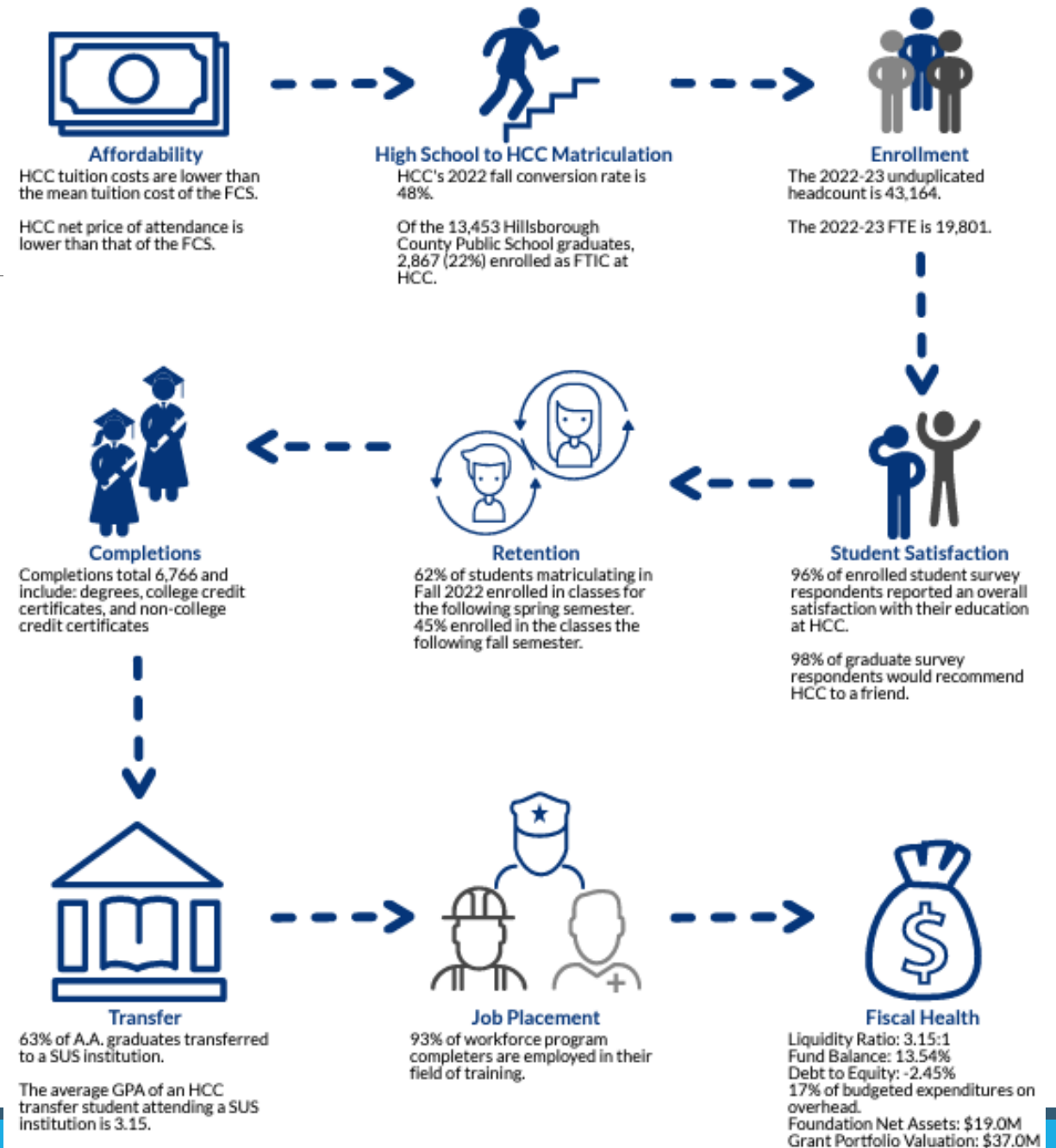
- Contributions to Mid Foundation
- Salaries/Fringes as % of Expenditures
- Prior Year End Fund Balance as % of Current Year Budget
- ROI as % of General Fund Revenue

	2024-25	2023-24		2022-23	2021-22
Enabling Student Success	Target	Data	Target	Data	Data
Enrollment - Student Headcount - Fall	3,435	3,421	3,571	3,381	3318
Enrollment - Student Headcount - Winter	3,335	3,321	3,207	3,144	3164
Enrollment - Student Headcount - Summer	945	939	910	893	794
Course Success Rates (grades of A-C) - Fall	79%; 85% in 4 yrs	78.3%	79%; 85% in 4 yrs	77.7%	77.0%
Course Success Rates (grades of A-C) - Winter	79%; 85% in 4 yrs	78.0%	79%; 85% in 4 yrs	79.7%	77.3%
Course Success Rates (grades of A-C) - Summer	79%; 85% in 4 yrs	76.0%	79%; 85% in 4 yrs	73.2%	72.8%
Fall to Fall Retention	48.50%	47.43%	48.50%	47.49%	48.80%
Assessment Proficiency (General Education)	80%	85%	80%	86.33	NA
Successful Completion or Transfer (2 Yr success rate)	22% (21-22)	19.6% (20-21)	22% (20-21)	20.9% (19-20)	19.4% (18-19)
	2024-25	2023-24		2022-23	2021-22
Enhancing Employee Success	Target	Data	Target	Data	Data
# Applicants per posting - 1st quarter	5.0	6.1	5.0	4.3	4.1
# Applicants per posting - 2nd quarter	5.0	5.3	5.0	4.5	4.7
# Applicants per posting - 3rd quarter	5.0	4.4	5.0	4.7	4.3
# Applicants per posting - 4th quarter	5.0	3.3	5.0	3.9	2.9
% annual turnover rate for full time employees	10% or less	7.60%	10% or less	10.80%	13.60%
% of positions filled from within the organization - 1st quarter	10%	1.9%	10%	5.6%	14.3%
% of positions filled from within the organization - 2nd quarter	10%	20.0%	10%	0.0%	10.0%
% of positions filled from within the organization - 3rd quarter	10%	4.1%	10%	16.7%	10.7%
% of positions filled from within the organization - 4th quarter	10%	22.2%	10%	15.4%	18.2%
# of FT employees using Tuition Reimbursement - 1st quarter	2	1	2	1	3
# of FT employees using Tuition Reimbursement - 2nd quarter	1	1	2	3	5
# of FT employees using Tuition Reimbursement - 3rd quarter	1	0	2	1	1
# of FT employees using Tuition Reimbursement - 4th quarter	2	0	2	0	0

What are
other colleges doing?

Hillsborough Comm College

- Telling a story with KPIs
- 16 page report
- College Goals
 - Student Success
 - Talent Development
 - Continuous Improvement

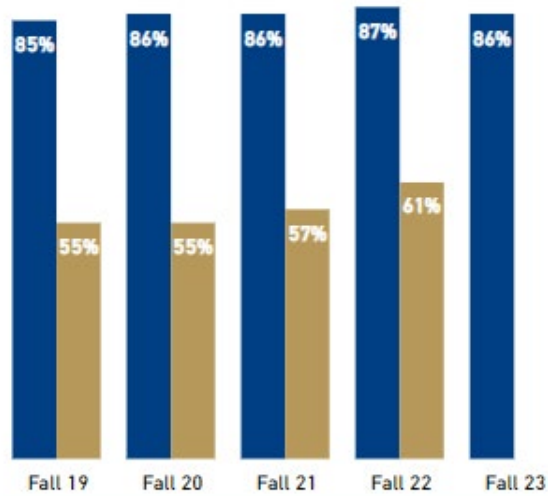


Barton Community College

- 9 KPI areas
- More detail behind each overview

Student Success

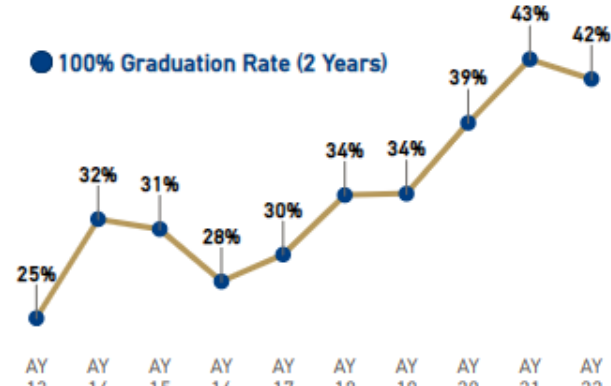
● Course Success Rate ● Student Retention



Student Completion

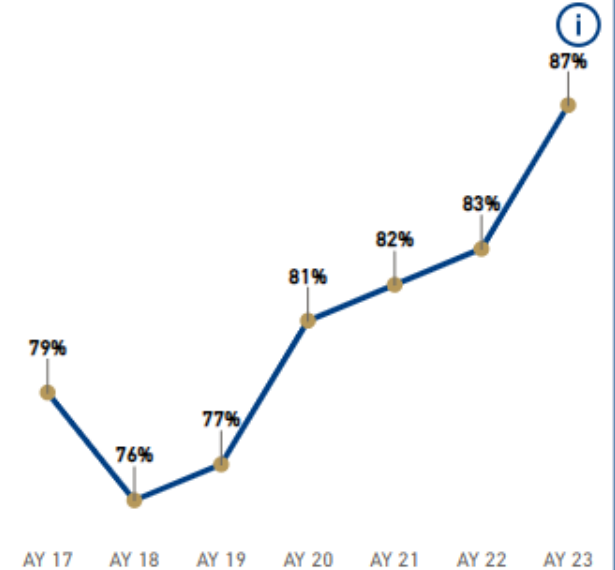
Graduation Rates are determined by time to earn an Associate's Degree: 2 yrs (100%), 3 yrs (150%), 4 yrs (200%)
150% and 200% graphs on details page: ⓘ

● 100% Graduation Rate (2 Years)



Student Learning

Overall Fundamental Skills



College Partnerships

Total Partnerships
1113

Unique Partners
729

Clinical, Internship, Field Experience, etc.
504

Advisory Board
373

Barton Experience

Overall Satisfaction Levels

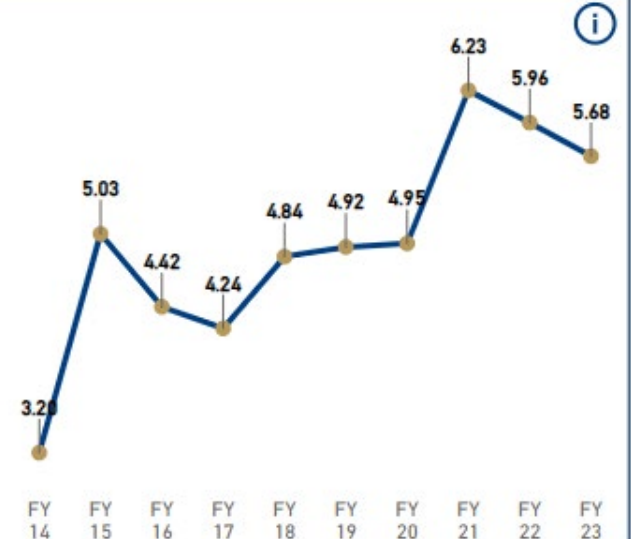
Overall Student Services
88.00%

Noel Levitz Student Climate
86.00%

Personal Assessment of the College Environment (PACE Employee)
83.35%

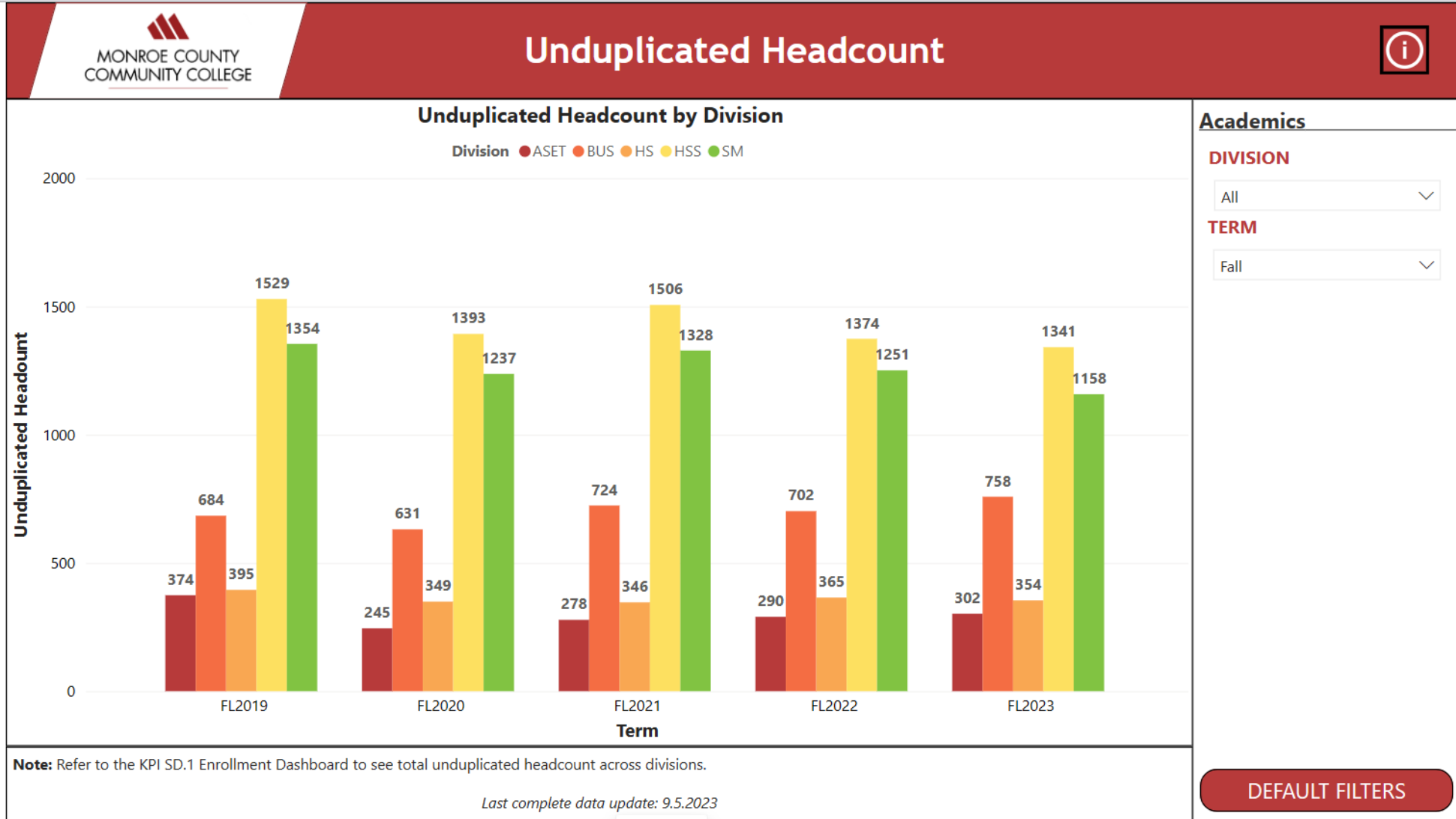
Composite Financial Index

A CFI score of 3 is the threshold of institutional financial health.



Monroe County Community College

- 5 KPI areas
- Online dashboards with multiple measures



Northeastern Illinois University

- 6 KPI areas
 - Student Success
 - Academic Excellence/Innovation
 - Urban Leadership
 - Exemplary Faculty and Staff
 - Enhanced University Operations
 - Fiscal Strength
- Metrics with trends and detail when clicked

KPI Progress Report

[Home](#) / [About](#) / [Strategic Plan](#) / [Key Performance Indicators](#) / [KPI Progress Report](#)

	Source	Indicator	Current NEIU Value	Date Measured	Target Value	Next Measurement Date
Student Success						
SS-1	NEIU	First to Second Year Retention Rate	60.8%	Fall 2021	65.0%	Fall 2022
SS-5	NEIU	Six-Year Graduation Rate	21.3%	Fall 2021	24.0%	Fall 2022
SS-7	NEIU	New Freshmen Enrollment	330	Fall 2021	475	Fall 2022
SS-8	NEIU	Undergraduates with Declared Majors and Pre-Majors	87.1%	Spring 2021	90.0%	Spring 2022
SS-9	Alumni - 1 yr	Preparation for Present Job	61.5%	Fall 2020	60.0%	Fall 2021
SS-10	Alumni - 1 yr	Preparation for Additional Degree	89.5%	Fall 2020	90.0%	Fall 2021

Next Steps

- Begin building dashboards in January 2025
- Review and revise KPIs during dashboard building
- Continue to provide reports to the Board
 - Enrollment reports
 - Instructional reports
 - Financial audit
 - General updates

New Business

Item VI-E: Foundation Board Appointment Update

Presenter: Board Chair Zdrojewski

Board Consideration: Information

President's Recommendation:

None, informational.

Board Chair Zdrojewski will provide an update on the Board appointment to the Mid Foundation.

New Business

Item VI-F: Construction Bid for Morey Tech Renovation

Presenter: Lillian Frick

Board Consideration: Action

President's Recommendation:

Motion to approve.

Vice President of Finance & Administration Lillian Frick will present the construction bid for the Morey TechCenter renovation project for approval.

MID MICHIGAN COLLEGE
MOREY TECHNICAL CENTER INTERIOR RENOVATIONS
Bids Received 2:00 P.M., SEPTEMBER 24, 2024

Bidder	BASE BID	Adjusted Total Bid	Allowance 1 Included Y or N	Addenda 2-4 Y or N (Addendum 1=VOID)	Bid Bond Y or N	Notes
J R HEINEMAN & SONS, INC.	No Bid					
NIELSEN COMMERCIAL CONSTRUCTION	\$1,017,900.00	\$1,035,900.00	Y	Y	Y	VA-add \$18,000 for MEP at welding stations, if required. Need clarification on bus duct lead times
PDSI CONTRACTORS	\$1,191,466.00	\$1,191,466.00	Y	Y	Y	No alternates
PUMFORD CONSTRUCTION	\$1,096,750.00	\$1,096,750.00	Y	Y	Y	VA-deduct \$60,000 for substitute cable tray for bus duct. Add \$4,343 for heavier fence.
SORENSEN GROSS COMPANY	\$1,077,500.00	\$1,077,500.00	Y	Y	Y	VA-use cable tray system in lieu of bus duct. Deduct \$60,000
THE E&L CONSTRUCTION GROUP	No Bid					
THREE RIVERS CORPORATION	\$900,000.00	\$953,000.00	Y	Y	Y	VA - cable tray to include bus duct -this was included in specs, so need to add \$53,000 for this

New Business

Item VI-G: PT Solutions Purchase - Morey Tech Center Renovation

Presenter: Shawn Troy

Board Consideration: Action

President's Recommendation:

Motion to approve.

Dean of Workforce & Career Education, Shawn Troy, will present the vertical bandsaw purchase through PT Solutions to support the Morey Tech Center renovation project for approval.

Vertical Bandsaw - Model EF1459; 8-3/4" X 14-1/2" Capacity; 1 hp, 1-Phase, 110 V Motor



SKU# :
1132601

Brand:
Roll-In-Saw

UNSPSC Code:
23231100

Legacy Product Number:
RF5010001

Manufacturer Part Number:
EF1459 B

In Stock:
1

Your Price:
\$7,359.35



Ships by Truck. Additional Costs Apply.

New Business

Item VI-H: HAAS Factory Outlet Purchase - Morey Tech Center Renovation

Presenter: Shawn Troy

Board Consideration: Action

President's Recommendation:

Motion to approve.

Dean of Workforce & Career Education, Shawn Troy, will present on the purchase through HAAS Factory Outlet to support the addition of the Advanced Integrated Manufacturing curricula as part of the Morey Tech Center renovation project for approval.



Haas Factory Outlet

A Division of Gerotech Inc.

HA5C-T PROPOSAL

PROPOSAL: MIDMICH HA5C-T 240917CW-I

DATE: 9/18/2024

PREPARED FOR:

NATHANAEL FARRELL

MID MICHIGAN COMMUNITY COLLEGE

1375 S CLARE AVE

HARRISON MI 48625-9442

PREPARED BY:

CASEY WRIGHT

HFO GEROTECH

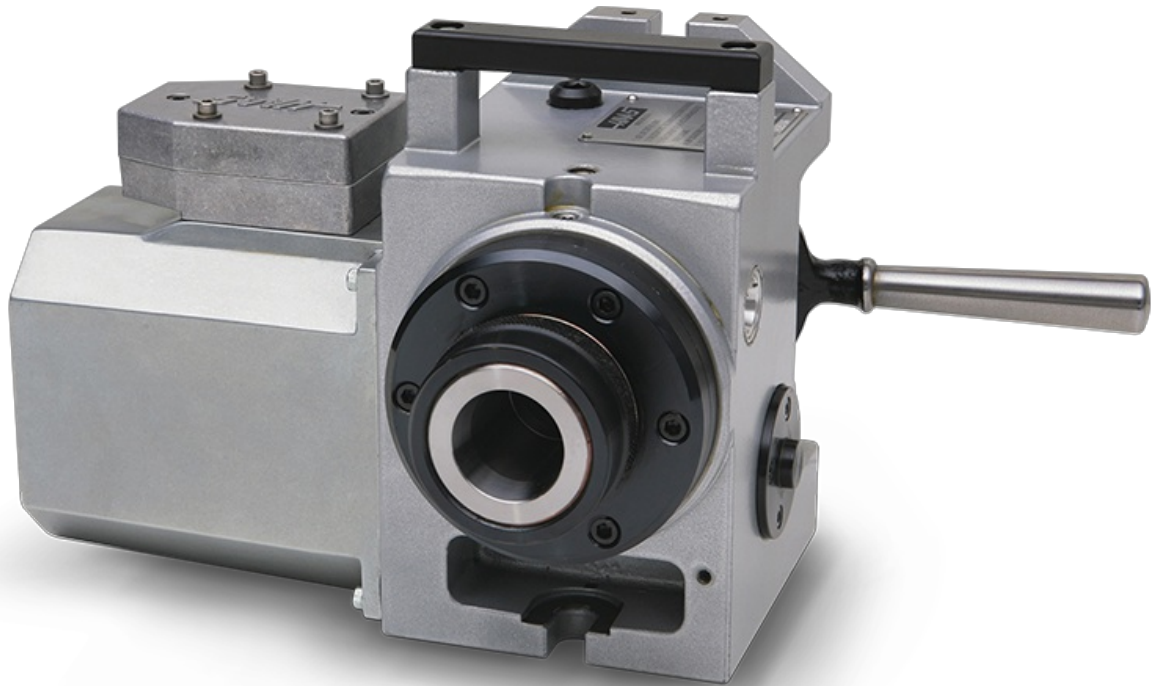
734-379-7788

cwright@gerotech.com



PRODUCT OVERVIEW HA5C-T

HA5C-T



5C Collet Servo Indexer with thrust bearing, for use with Haas tailstocks. Note: Requires a Haas mill with 4th-axis drive and NGC software version 100.19.000.1100 or later for full 4th-axis operation. Stand-alone operation requires a Haas rotary control box shipped after November 10, 2021, with software version 26.32 or newer.



STANDARD FEATURES HA5C-T

This rotary unit is configured to connect directly to a Haas mill equipped with optional axis drives. It does not include a Haas rotary control unit. A separate Haas rotary control unit is available at additional cost.

Sigma 7 Servomotor Drive. Current servomotors for new Haas rotaries built after November 2021. For use on NGC machines with software version 100.19.000.1100 or later.



SELECTED OPTIONS HA5C-T

Manual Draw Tube

Manual Draw Tube, 1.10" (28.4 mm) through-hole. Fits all single and multi-head HA5C and tilting T5C rotaries. Includes one closer for each head on multi-head units.



4" Manual Tailstock

Manual Tailstock, 4" (102 mm) center height, Morse taper #3. Live centers recommended, but not included.





SPECS HA5C-T

Spindle	S.A.E	Metric
Max Speed	410 °/sec	410 °/sec
Max Torque	60 ft-lbf	81 Nm
Nose Thread	2 3/16 in - 10	2 3/16 in - 10
Runout Max	0.0004 in	0.010 mm
Center Height	4.000 in	101.60 mm
Collet Size	5C	5C
Backlash	40 arc-sec	40 arc-sec
Gear Ratio	60:1	60:1
Indexing	S.A.E	Metric
Accuracy (±)	± 30 arc-sec	± 30 arc-sec
Repeatability	10 arc-sec	10 arc-sec
Resolution	0.001 °	0.001 °
Worm Gear Dia	2.8 in	71 mm
Max Rotation/Step (with rotary control)	999.999 °	999.999 °
General	S.A.E	Metric
Tailstock Thrust Max	800 lbf	3559 N
Power Requirement	115 VAC ±10% @ 15 A	115 VAC ±10% @ 15 A
Operating Temp (max ambient)	100 °F	38 °C
Air Requirements	S.A.E	Metric
Air Pressure Max	150 psi	10.3 bar
Dimensions - Shipping		

	S.A.E	Metric
Export Crate	20 in x 19 in x 17 in	51 cm x 48 cm x 43 cm
Weight	54 lb	25.0 kg



QUOTATION

HA5C-T

\$12,495.00

Options

Direct Control by Mill CNC	Included
Sigma 7 Servomotors	Included
Manual Draw Tube	\$ 1,095.00
4" Manual Tailstock	\$ 1,695.00

Machine & Options Total \$ 15,285.00

MACHINE TOTAL \$ 15,285.00

ADDITIONAL ITEMS

Auto Discount: Auto Discount	\$ 350.00
PC 0604 Discount: EDU: 15% Machine, 25% Tooling Disc	\$ -2,292.75

* Not available for field installation

TOTAL INVESTMENT

\$13,342.25

Shipping point FOB Oxnard, CA

Delivery Should Ship in 1 Week, subject to prior sale. Confirmation to be ARO.

Payment Terms 20% Down with Order, 80% due to release shipment

Validity This quotation is valid for thirty (30) days from date of issue.

Warranty 1 Year, Machine and Control

Installation Installation is included with the purchase of standard Haas CNC Machines (Except Desktop Mill).

Training Included at no additional charge at any of our regularly scheduled classes held at our HFO/Gerotech facilities for as long as you own your HAAS machines.



TERMS AND CONDITIONS

These terms and conditions of sale (the "Terms") are the only terms that govern the sale of products and the provision of services by Gerotech, Inc. ("GEROTECH") to the individual, entity, or party purchasing goods and/or services ("CUSTOMER").

1. **GOVERNING TERMS:** These Terms are incorporated into and are a material part of each proposal, quotation, purchase order, acceptance, invoice, release, shipping instruction, email, correspondence, and/or any other document or communication exchanged between GEROTECH and CUSTOMER (collectively, the "Other Documents"), whether expressed verbally, in written form, or electronic communication, relating to goods and/or services; in each case, regardless of whether these Terms are referred to in any Other Document. Notwithstanding anything to the contrary (including in any Other Document), these Terms shall prevail and govern over any other terms and conditions related to the goods and/or services, regardless of when such Other Document or terms and conditions may be provided by CUSTOMER to GEROTECH or GEROTECH to CUSTOMER, and GEROTECH and CUSTOMER expressly object to any contrary terms or conditions. Fulfillment of CUSTOMER's purchase order or provision by GEROTECH of any services does not constitute acceptance of any terms and conditions in any Other Document and does not serve to modify or amend these Terms.
2. **ACCEPTANCE, SALE PRICE & PAYMENT TERMS:** CUSTOMER's purchase order shall not be binding upon GEROTECH or create any obligation on GEROTECH's part unless and until GEROTECH has accepted CUSTOMER's purchase order in writing (subject to Section 1 above). Such acceptance shall be made by transmittal via electronic mail or United States mail to CUSTOMER by an authorized representative of GEROTECH. All prices quoted by GEROTECH are subject to change without notice until such time that GEROTECH acknowledges in writing CUSTOMER's purchase order. Unless agreed to in writing, all shipments are Ex Works the shipping point of the product. Except as otherwise expressly set forth in the applicable invoice, quote, or order acceptance issued by GEROTECH, CUSTOMER shall pay all invoiced amounts due to GEROTECH within thirty (30) days from the date of such invoice, quote, or order acceptance. In the event that any good(s) are back-ordered or missed in shipment, the retail value of said good(s) not shipped may be deducted from the amount due in order to make payment according to the stated terms. Payment of these delayed good(s) will be due immediately following shipment. In the event payments are not received by GEROTECH by the applicable due date, GEROTECH may (a) suspend delivery of all goods and performance of all services until payment has been made in full, and/or (b) charge interest daily at the lesser of a monthly rate of 1.5% or the highest rate permissible by Michigan law on the unpaid balance. CUSTOMER will pay all court costs, attorneys' fees, and other costs and expenses incurred by GEROTECH in collecting past due amounts, including interest. CUSTOMER shall not withhold payment of any amounts due and payable by reason of any setoff of any claim or dispute with GEROTECH.
3. **SALES, USE & OTHER TAXES:** No taxes imposed on the sale by GEROTECH of goods and/or services are included in the quotation or invoice for such goods and/or services (including, but not limited to, sales, use, excise, property or other similar taxes). All such taxes are the responsibility of CUSTOMER, and GEROTECH reserves the right to invoice CUSTOMER for such taxes in the event that GEROTECH is required to pay or collect such taxes. CUSTOMER agrees to indemnify and hold GEROTECH harmless for any such taxes, including penalties and interest resulting from non-payment of such taxes.
4. **SHIPMENT:** GEROTECH shall endeavor to accommodate CUSTOMER's requested delivery schedule but shall have no liability as a result of delays. Unless otherwise agreed to in writing by GEROTECH and CUSTOMER, GEROTECH shall select the means of transportation and routing of the ordered goods.
5. **TITLE & RISK OF LOSS:** Title to the goods shall pass to CUSTOMER upon payment in full of the purchase price for such goods and/or services. As collateral security for the payment of the purchase price of the goods and/or services, CUSTOMER hereby grants to GEROTECH a lien on and security interest in and to all of the right, title and interest in, to, and under the goods, wherever located, and whether now existing or hereafter arising or acquired from time to time, and in all accessions thereto and replacements or modifications thereof, as well as all proceeds (including insurance proceeds) of the foregoing. CUSTOMER agrees to execute any and all documents required or reasonably necessary to perfect such lien and security interest. The security interest granted under this provision constitutes a purchase money security interest under applicable law. Upon delivery of the ordered goods by GEROTECH, or its suppliers, to a carrier for shipment to CUSTOMER, risk of loss shall pass to CUSTOMER. Thereafter, the carrier shall be deemed to be acting for and on behalf of CUSTOMER. and the terms of payment for the ordered goods shall not be affected by damage to or destruction of the ordered goods. GEROTECH shall not be liable for any delay, loss, or damage in transit, and all claims for delay, loss or damage in transit should be directed to the carrier.
6. **DELAYS & CANCELLATION:** In the event that CUSTOMER requests GEROTECH to delay shipment of the ordered goods after GEROTECH's acceptance of CUSTOMER's order, GEROTECH will make commercially reasonable efforts to accommodate CUSTOMER's request. However, the purchase price of the ordered goods shall become due and payable when the goods are ready for shipment. In the event that GEROTECH determines that storage of the ordered goods is needed, GEROTECH will arrange for a suitable location and any charges incurred for storage will be the responsibility of CUSTOMER. CUSTOMER shall have no right to cancel or amend any order once acknowledged or accepted by GEROTECH, unless agreed to in writing by an authorized representative of GEROTECH.
7. **CUSTOMER-SPECIFIED LONG LEAD TIME:** Orders received from CUSTOMER with a specified shipment date beyond the prevailing shipping date for the good ordered (as determined by the manufacturer) will be subject to the following condition: if a price increase is announced subsequent to receipt of CUSTOMER's order, CUSTOMER will be notified of the price increase and given the opportunity to either (a) accept the shipment at the lower acknowledged price within the prevailing shipment time, or (b) accept the goods at the original CUSTOMER specified date at the increased price.
8. **INSTALLATION & SERVICE:** Rigging in place, site preparation and adequate utility connections are the sole responsibility of CUSTOMER. For CNC products, GEROTECH will furnish or make available, without additional cost to CUSTOMER, qualified technical personnel to start up the equipment, verify basic machine operation at installation and provide an initial demonstration for the safe operation and use of the installed equipment. After the initial demonstration, all training by GEROTECH will be charged by GEROTECH at its prevailing prices.

9. CUSTOMER OBLIGATIONS: CUSTOMER agrees that it and its employees, contractors, agents, representatives, and invitees will comply with all operating and safety procedures of the manufacturer or otherwise set forth in the manufacturer's operators manuals and instruction sheets relating to such goods when operating ordered goods, and CUSTOMER further agrees not to remove or modify any safety device, warning sign, operator's manual, or work handling tools. CUSTOMER shall immediately notify GEROTECH of any accident or injury connected with the use of the ordered goods and agrees, upon GEROTECH's request, to cooperate with GEROTECH in the investigating and determining cause of the same. CUSTOMER shall: (a) cooperate with GEROTECH in all matters relating to the goods and services and provide access to CUSTOMER's premises, and such other facilities as may reasonably be requested by GEROTECH; (b) respond promptly to any GEROTECH request to provide direction, information, approvals, authorizations, or decisions that are reasonably necessary for GEROTECH to deliver or inspect the goods and/or perform the services; (c) provide such materials and information as GEROTECH may request to deliver the goods and/or carry out the services in a timely manner and ensure that such materials and information are complete and accurate; and (d) obtain and maintain all necessary licenses and consents and comply with all applicable laws in relation to the goods and services. CUSTOMER agrees to indemnify and hold harmless GEROTECH from and against any and all claims, suits, damages of any nature, losses, costs, and expenses, including without limitation all fees and expenses of counsel and other professional advisors, arising from the use of any ordered goods or CUSTOMER's failure to comply with these Terms.

10. RESTOCKING: All returns must be pre-approved by GEROTECH, in writing, before goods can be returned. All goods returned are subject to GEROTECH's inspection. GEROTECH shall select the method of shipment of and the carrier with respect to any approved return of goods. CUSTOMER shall be responsible for all shipping costs and expenses with respect to any approved return of goods, and risk of loss shall pass to GEROTECH upon receipt by GEROTECH of the returned goods. CUSTOMER shall pay to GEROTECH a restocking fee equal to the greater of (a) 15% of the purchase price for such goods and (b) GEROTECH's documented costs and expenses in connection with restocking the goods. Special goods or those not normally stocked are non-returnable.

11. REPOSSESSION: If, in the event of default by CUSTOMER, GEROTECH repossess any good(s) sold to CUSTOMER, CUSTOMER shall pay GEROTECH a fee equal to the decrease in value of such good(s) (as determined by GEROTECH and measured by the difference in value of the good(s) at the time of shipment and the time of repossession). Any such fee shall become immediately due and payable upon notice to CUSTOMER of the amount of such fee.

12. LIMITED WARRANTY: GEROTECH assigns to CUSTOMER, to the extent assignable, any warranties that are made by manufacturers and suppliers other than GEROTECH of the goods. Solely with respect to GEROTECH engineered solutions ("Specialty Goods"), GEROTECH warrants that such Specialty Goods are free in all material respects from defects in material and workmanship under normal use and service with proper maintenance for a period of one year from the date of installation (as determined by GEROTECH), provided that the goods are in the possession of the original CUSTOMER; provided, however, that the foregoing warranty with respect to Specialty Goods does not include, and expressly does not cover, any materials or goods made by manufacturers or suppliers other than GEROTECH which are incorporated into the Specialty Goods. If any Specialty Good is proven to not conform with this warranty during the applicable warranty period, GEROTECH shall, at its exclusive option, either (a) repair or replace the Specialty Good or re-perform the services or (b) refund or credit the purchase price paid by CUSTOMER for each non-conforming Specialty Good or service. Notwithstanding anything to the contrary herein, GEROTECH reserves the right to dispute any claims for breach of warranty. All costs of packing and shipping replacement and defective parts shall be paid by CUSTOMER. This limited warranty is void if failure of the equipment or any part has resulted in whole or in part from misuse, accident, abuse, misapplication, improper service, handling, or maintenance, negligence, modifications to the manufacturer's specifications, normal wear and tear, or other inappropriate act or omission by CUSTOMER.

EXCEPT AS EXPRESSLY PROVIDED IN THIS SECTION 12, NEITHER GEROTECH NOR ANY PERSON OR ENTITY ON GEROTECH'S BEHALF HAS MADE OR MAKES ANY EXPRESS OR IMPLIED REPRESENTATION OR WARRANTY WHATSOEVER, INCLUDING ANY WARRANTIES OF (A) MERCHANTABILITY, (B) FITNESS FOR A PARTICULAR PURPOSE, (C) TITLE, OR (D) NON-INFRINGEMENT, WHETHER ARISING BY LAW, COURSE OF DEALING, COURSE OF PERFORMANCE, USAGE OF TRADE, OR OTHERWISE, ALL OF WHICH ARE EXPRESSLY DISCLAIMED. CUSTOMER ACKNOWLEDGES AND AGREES THAT IT HAS NOT RELIED ON ANY REPRESENTATION OR WARRANTY MADE BY GEROTECH OR ANY OTHER PERSON OR ENTITY ON GEROTECH'S BEHALF. THE REMEDIES SET FORTH IN THIS SECTION 12 ARE CUSTOMER'S SOLE AND EXCLUSIVE REMEDY AND GEROTECH'S ENTIRE LIABILITY FOR ANY BREACH OF THE LIMITED WARRANTY SET FORTH IN THIS SECTION.

13. LIMITATION OF LIABILITY: NOTWITHSTANDING ANYTHING TO THE CONTRARY, IN NO EVENT SHALL GEROTECH OR ANY OF ITS REPRESENTATIVES, UNDER ANY CIRCUMSTANCES, BE LIABLE TO CUSTOMER OR TO ANY THIRD PARTY FOR ANY LOSS OF USE, LOSS OF DATA, DIMINUTION IN VALUE, LOST PROFITS OR BUSINESS OPPORTUNITIES, OR INDIRECT, SPECIAL, CONSEQUENTIAL, INCIDENTAL, PUNITIVE, ENHANCED, OR EXEMPLARY DAMAGES, LOSSES, COSTS, OR EXPENSES WHATSOEVER, OR FOR COSTS OF COVER OR ATTORNEY OR EXPERT WITNESS FEES, REGARDLESS OF WHETHER ANY OF THE FOREGOING WERE FORESEEABLE, WHETHER GEROTECH HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, AND/OR WHETHER ARISING OUT OF BREACH OF CONTRACT, TORT (INCLUDING NEGLIGENCE), OR OTHERWISE, AND NOTWITHSTANDING THE FAILURE OF ANY AGREED OR OTHER REMEDY OF ITS ESSENTIAL PURPOSE. NOTWITHSTANDING ANYTHING TO THE CONTRARY, IN NO EVENT SHALL GEROTECH'S AGGREGATE LIABILITY ARISING OUT OF OR RELATED TO ANY GOODS AND/OR SERVICES, WHETHER ARISING OUT OF OR RELATED TO BREACH OF CONTRACT, INFRINGEMENT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT, OR OTHERWISE, EXCEED THE AGGREGATE AMOUNT PAID OR PAYABLE TO GEROTECH BY CUSTOMER PURSUANT TO THE INVOICE FOR THE GOOD(S) UNDER WHICH SUCH LIABILITY AROSE. THIS SECTION EXPRESSLY SURVIVES.

14. INDEMNIFICATION: CUSTOMER agrees to indemnify, defend and hold GEROTECH and its affiliates, officers, directors, employees, subcontractors, representatives, agents, successors, and assigns harmless from and against all losses, liabilities, fines, penalties, costs, claims, actions, awards, damages, demands and expenses of whatever type or nature, including reasonable attorneys' fees, fees and the costs of enforcing any right to indemnification under these Terms, and the cost of pursuing any insurance providers (all of the foregoing, "Losses"), relating to, arising out of, or resulting from (a) any negligent act or omission or willful misconduct by CUSTOMER or any of its employees or representatives, (b) any claim or action by CUSTOMER's agents, employees, or subcontractors, and/or (c) the failure of CUSTOMER or its

agents, employees or subcontractors to comply with these Terms or any applicable federal, state or local law, statute, regulation, rule, ordinance or government directive which may directly or indirectly regulate or affect the obligation of CUSTOMER hereunder. However, CUSTOMER will not be required to indemnify, defend or hold GEROTECH harmless from or against any Losses only to the extent such Losses proximately arise out of any negligent act or omission by GEROTECH's employees, agents, or subcontractors.

15. **DEFAULT:** In the event of any default or breach by CUSTOMER under these Terms, all obligations of CUSTOMER to GEROTECH shall become immediately due and payable, without notice to CUSTOMER, and GEROTECH may proceed to enforce payment of the same and to exercise any and all of the rights and remedies afforded to GEROTECH under applicable law or under these Terms or otherwise available to it. GEROTECH shall, at all times after default, have the right to take possession of any good(s) sold to CUSTOMER and to maintain such possession on the premises of CUSTOMER or to remove such goods or any part thereof to such other place as GEROTECH may desire. If GEROTECH shall exercise its right to take possession or control of the goods(s), CUSTOMER shall, upon demand by GEROTECH, assemble the goods(s) and make them available to GEROTECH at a place convenient or designated by GEROTECH. In addition to the rights and remedies conferred on GEROTECH by law and these Terms, GEROTECH will not be required to respond to or perform under any purchase order (even if previously accepted) if CUSTOMER is in default with respect to any other purchase order. If GEROTECH at any time, in GEROTECH's sole discretion, doubts CUSTOMER's ability to pay for ordered goods consistent with these Terms, GEROTECH may ship the goods C.O.D. In the event of any default by CUSTOMER under these Terms, GEROTECH may decline, in its sole discretion to make further shipments of goods to CUSTOMER without in any way affecting GEROTECH's rights under these Terms. If, despite any default by CUSTOMER, GEROTECH elects to continue to make shipments of goods, GEROTECH's actions shall not constitute a waiver of any default by CUSTOMER or in any way affect GEROTECH's remedies for such default under these Terms or otherwise.

16. **INTELLECTUAL PROPERTY:** All intellectual property rights, including copyrights, patents, patent disclosures and inventions (whether patentable or not), trademarks, service marks, trade secrets, know-how and other confidential information, trade dress, trade names, logos, brand names, corporate names, and domain names, together with all of the goodwill associated therewith, derivative works and all other rights, in each case whether registered or unregistered including all registrations and applications for, and renewals or extensions of, these rights and all similar or equivalent rights or forms of protection in any part of the world in and to all documents, work product, and other materials that are delivered to CUSTOMER or prepared by or on behalf of GEROTECH in the course of delivering the goods and/or providing the services shall be owned by GEROTECH.

17. **ITAR/EAR:** CUSTOMER shall be responsible for compliance with all U.S. export control laws and regulations, including the International Traffic in Arms Regulations (ITAR), 22 CFR Parts 120 through 130, and the Export Administration Regulations (EAR), 15 CFR Parts 730 through 799, in connection with these Terms and the purchase of goods and/or services. Unless otherwise granted an exemption, CUSTOMER shall be responsible for obtaining the appropriate licenses or other approvals, if required, for exports of hardware, technical data, and software, or for the provision of technical assistance. CUSTOMER shall be responsible for obtaining export licenses, if required, before utilizing foreign persons in connection with these Terms and the purchase of the goods and/or services. CUSTOMER shall be responsible for all regulatory record keeping requirements associated with the use of licenses and license exemptions/exceptions.

18. **WAIVER:** Neither the failure nor delay of any party in exercising any right, power or privilege under these Terms or the documents referred to in these Terms will operate as a waiver of such right, power or privilege, and no single or partial exercise of any such right, power or privilege will preclude any other or further exercise of such right, power or privilege. No waiver of any of the provisions of these Terms is effective unless explicitly set forth in writing and signed by the party so waiving.

19. **ENTIRE AGREEMENT:** The provisions of these Terms, including any purchase and security agreement entered into in connection herewith, constitute the entire agreement of the parties and any terms, either oral or written, not specified herein shall not be binding. Additions to or modifications of these Terms shall not be binding on GEROTECH unless made in writing and signed by a duly authorized officer of GEROTECH.

20. **SUCCESSORS:** All terms and conditions set forth in these Terms are and shall be binding upon and inure to the benefit of the parties hereto and on each of their successors and assigns. CUSTOMER shall not assign any of its rights or delegate any of its obligations under these Terms without the prior written consent of GEROTECH. Any purported assignment or delegation in violation of this section is null and void. No permitted assignment or delegation relieves CUSTOMER of any of its obligations under these Terms.

21. **FORCE MAJEURE:** GEROTECH shall not be liable or responsible to CUSTOMER, nor be deemed to have defaulted or breached these Terms, for any failure or delay in fulfilling or performing any term of these Terms when and to the extent such failure or delay is caused by or results from acts or circumstances beyond the reasonable control of GEROTECH, including, without limitation, acts of God, flood, fire, earthquake, explosion, governmental actions, war, invasion or hostilities (whether war is declared or not), terrorist threats or acts, riot, or other civil unrest, national emergency, revolution, insurrection, epidemic, pandemic (including COVID-19 and any variants), lock-outs, strikes or other labor disputes, failure of suppliers to satisfactorily meet delivery requirements, restraints or delays affecting carriers, inability or delay in obtaining supplies, goods, or materials, or telecommunication breakdown or power outage.

22. **GOVERNING LAW; JURISDICTION:** All matters arising out of or relating to these TERMS are governed by and shall be construed in accordance with the internal laws of the State of Michigan, without giving effect to any choice or conflict of law provision or rule (whether of the state where the goods were delivered or the services were rendered or any other jurisdiction) that would cause the application of the laws of any jurisdiction other than those of the State of Michigan. Any legal suit, action, or proceeding arising out of or relating to these Terms, the goods, or the services shall be instituted only in the United States District Court for the Eastern District of Michigan or, if such court does not have subject matter jurisdiction, the courts of the State of Michigan sitting in Wayne County, Michigan, and any appellate court from any thereof. CUSTOMER irrevocably submits to the exclusive jurisdiction of such courts in any such suit, action, or proceeding.

23. **WAIVER OF JURY TRIAL:** CUSTOMER ACKNOWLEDGES AND AGREES THAT ANY CONTROVERSY THAT MAY ARISE UNDER THESE TERMS IS LIKELY TO INVOLVE COMPLICATED AND DIFFICULT ISSUES AND, THEREFORE, TO THE FULLEST EXTENT PERMITTED BY LAW, CUSTOMER IRREVOCABLY AND UNCONDITIONALLY WAIVES ANY RIGHT CUSTOMER MAY HAVE TO A TRIAL BY JURY IN RESPECT OF ANY LEGAL ACTION ARISING OUT OF OR RELATING TO THESE TERMS OR THE GOODS OR SERVICES.

24. **AMENDMENT:** These Terms may be unilaterally amended or modified by GEROTECH at any time. Any such amended or modified version of these Terms shall become effective for all orders placed after the date such Terms are amended or modified.



Haas Factory Outlet

A Division of Gerotech Inc.

MINIMILL WITH SIMULATOR / MINIMILL WITH SIMULATOR PROPOSAL

PROPOSAL: **MIDMICH HAAS MM 240829CW-II**

DATE: **9/18/2024**

PREPARED FOR:

NATHANAEL FARRELL

MID MICHIGAN COMMUNITY COLLEGE

1375 S CLARE AVE

HARRISON MI 48625-9442

PREPARED BY:

CASEY WRIGHT

HFO GEROTECH

734-379-7788

cwright@gerotech.com



PRODUCT OVERVIEW MINIMILL

MINIMILL



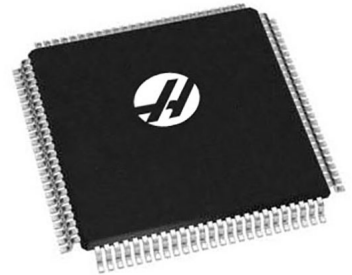
CNC Vertical Machining Center with 16" x 14" x 15" (406 x 356 x 381 mm) travels



STANDARD FEATURES MINIMILL

CT option

Standard Program Memory; 1 GB of onboard memory for program storage and backup.

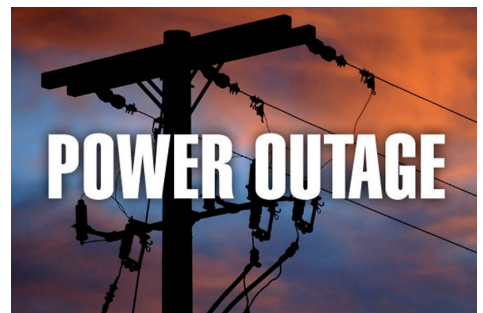


45-Gallon (170 liter) Coolant Tank with 1 hp (0.75 kW) pump; flows 12 gpm @ 30 psi (45 L/min @ 2 bar) @ 60 Hz, and features a multi-section labyrinth design that prevents chips from reaching the coolant pump.



8000-rpm Spindle, 40 taper, belt drive, 10 hp (7.5 kW) vector drive

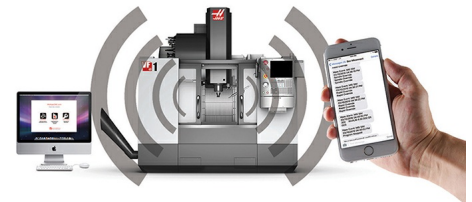
Early Power-Failure Detection Module; senses a power failure or severe drop in incoming line voltage and quickly brings all axis motion to a safe and controlled stop.



Ethernet Interface; allows you to easily transfer files to and from the machine over a local wired network.



HaasConnect: Remote monitoring of your Haas machine. Requires the machine to be connected to the Internet.



HaasDrop Wireless File Transfer is a fast and convenient method for sending images, videos, and even program files from a mobile device directly to the Next-Generation Control on a Haas CNC machine. Available for Android and iOS devices.



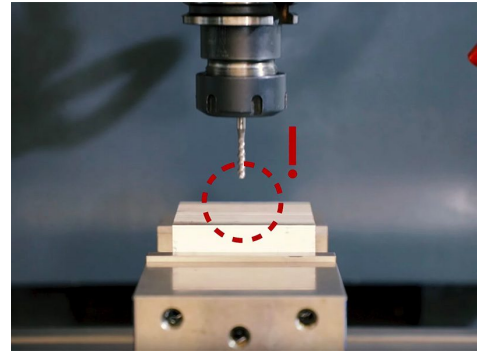
Lifting Provision; built-in attachment points for lifting the machine



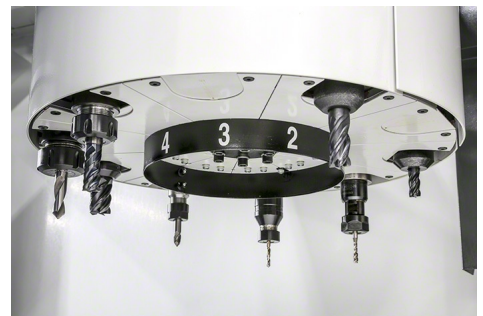
Media Display M-Code; M130 is used within an NC program to call up media files (images, videos, PDF files) from memory and display them on the control screen as the program runs. NextGen Control only.



Safe Run; a software feature in the Haas control that reduces the chances of significant machine damage during a machine crash.



10-Station Automatic Tool Changer



Touch Screen interface for the Haas control; allows screen navigation, data entry, and other control functions on-screen, without using the keypad.



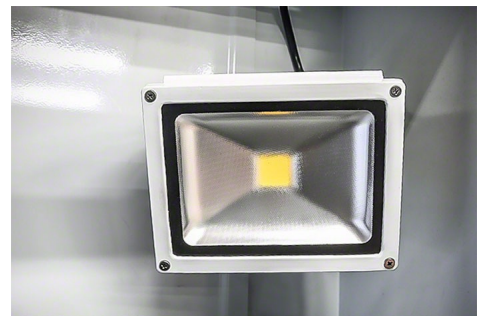
WiFi Connection for the Haas Control; provides wireless connectivity between the Haas control and a local area network.



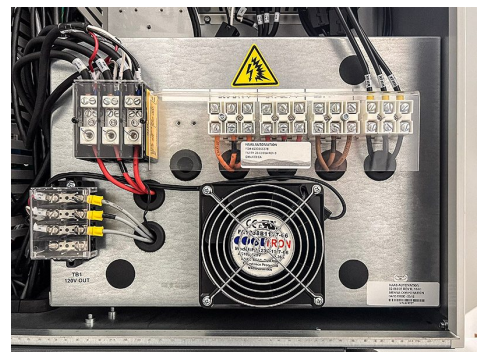
Haas Window Blast; airgun-activated feature for clearing coolant from the machine's window during machining.



Work Light; provides bright illumination for the work area.



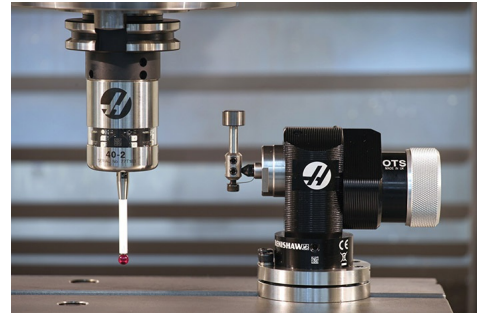
Internal Low-Voltage Transformer for 195-260V operation.



SELECTED OPTIONS MINIMILL

Wireless Intuitive Probing System

Wireless Intuitive Probing System; Renishaw. Includes the Haas Visual Programming System, macros, spindle orientation, and coordinate rotation and scaling.



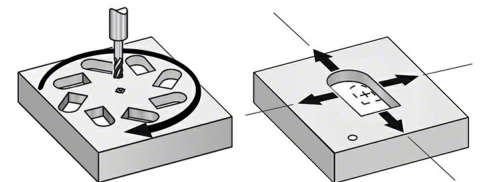
Chip Auger

Chip Auger



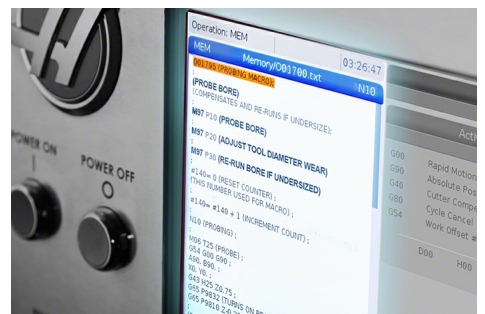
Coordinate Rotation and Scaling

Coordinate Rotation and Scaling; allows you to rotate your part program to another location, and increase or decrease (scale) the size of a toolpath or pattern.



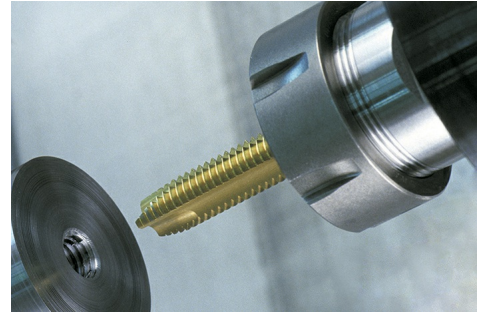
User-Definable Macros

User-Definable Macros; allows you to create custom subroutines for canned cycles, probing routines, special functions, and more.



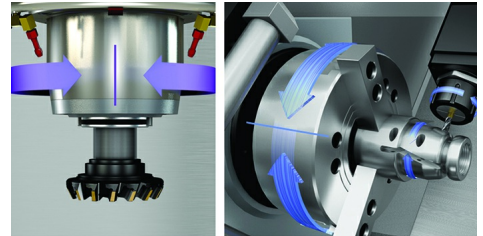
Rigid Tapping

Rigid Tapping; synchronized tapping, with built-in tap cycles and up to 8X retract speed.



Spindle Orientation

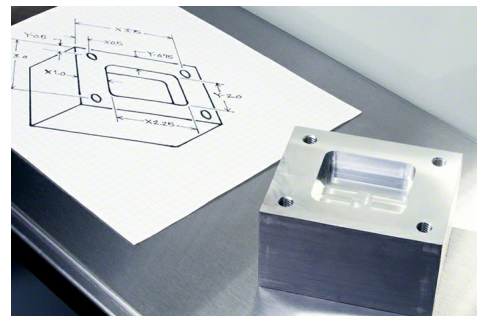
Spindle Orientation allows the spindle to be positioned to a specific, programmed angle, using the spindle motor and spindle encoder for feedback. This option provides inexpensive and repeatable spindle positioning accurate to 0.5 degree



Haas Spindle Orientation

Visual Part Programming System

Visual Part Programming System; a proprietary conversational programming system to quickly write G-code for simple milling routines. Includes User Definable Macros.



Chip Tray Filter Kit

Chip Tray Filter Kit; supplemental chip strainer kit keeps chips from entering the coolant system. Includes a 200-micron filter and metal chip tray basket.



Convenience Package

Convenience Package, includes front work table and storage shelf, toolholder vise, side rack, and toolholder tray.



1-Year Extended Warranty

1-Year Extended Warranty (includes 1-year standard warranty); adds another full year to your warranty, parts and labor.





SPECS MINIMILL

Travels	S.A.E	Metric
X Axis	16.00 in	406 mm
Y Axis	14.00 in	356 mm
Z Axis	15.00 in	381 mm
Spindle Nose to Table (~ max)	19.0 in	483 mm
Spindle Nose to Table (~ min)	4.0 in	102 mm
Spindle	S.A.E	Metric
Max Rating	10.0 hp	7.5 kW
Max Speed	8000 rpm	8000 rpm
Max Torque	45.0 ft-lbf @ 500 rpm	61.0 Nm @ 500 rpm
Drive System	Direct Speed, Belt Drive	Direct Speed, Belt Drive
Taper	CT or BT 40	CT or BT 40
Bearing Lubrication	Grease Packed	Grease Packed
Cooling	Air Cooled	Air Cooled
Table	S.A.E	Metric
Length	36.0 in	914 mm
Width	12.0 in	305 mm
T-Slot Width	0.626 in to 0.630 in	15.90 mm to 16.00 mm
T-Slot Center Distance	4.33 in	110 mm
Number of Std T-Slots	3	3
Max Weight on Table (evenly distributed)	500 lb	227 kg
Feedrates	S.A.E	Metric
Max Cutting	650 ipm	6.5 m/min

Rapids on X	800 ipm	20.3 m/min
Rapids on Y	800 ipm	20.3 m/min
Rapids on Z	800 ipm	20.3 m/min
Axis Motors	S.A.E	Metric
Max Thrust X	2000 lbf	8896 N
Max Thrust Y	2000 lbf	8896 N
Max Thrust Z	2000 lbf	8896 N
Tool Changer	S.A.E	Metric
Type	Carousel	Carousel
Capacity	10 or 20	10 or 20
Max Tool Diameter (full)	3.5 in	89 mm
Max Tool Weight	12.0 lb	5.4 kg
Tool-to-Tool (avg)	4.20 s	4.20 s
Chip-to-Chip (avg)	5.00 s	5.00 s
General	S.A.E	Metric
Coolant Capacity	45 gal	170 L
Air Requirements	S.A.E	Metric
Air Required	4 scfm @ 100 psi	113 L/min @ 6.9 bar
Inline Air Hose	3/8 in	3/8 in
Coupler (Air)	3/8 in	3/8 in
Air Pressure Min	80 psi	5.5 bar
Dimensions - Shipping	S.A.E	Metric
Domestic Pallet	90.0 in x 80.0 in x 92.0 in	229 cm x 203 cm x 234 cm
Export Pallet	90.0 in x 80.0 in x 92.0 in	229 cm x 203 cm x 234 cm
Weight	4450 lb	2018.5 kg

Electrical Specification	S.A.E	Metric
Spindle Speed	8000 rpm	8000 rpm
Spindle Power	10.0 hp	7.5 kW
Input AC Voltage (1 Phase)	220 VAC	220 VAC
Full Load Amps (1 Phase)	40 A	40 A
Input AC Voltage (3 Phase) - Low	220 VAC	220 VAC
Full Load Amps (3 Phase) - Low	25 A	25 A
Input AC Voltage (3 Phase) - High*	440 VAC	440 VAC
Full Load Amps (3 Phase) - High*	13 A	13 A



QUOTATION

MINIMILL × 2 \$79,990.00

Travels

X Axis	406 mm / 16.00 in
Y Axis	356 mm / 14.00 in
Z Axis	381 mm / 15.00 in
Spindle Nose to Table (~ max)	483 mm / 19.0 in
Spindle Nose to Table (~ min)	102 mm / 4.0 in

Options

Standard Program Memory, 1 GB × 2	Included
45-Gallon Coolant Tank × 2	Included
8000-rpm Spindle, 10 hp (7.5 kW) × 2	Included
Early Power-Failure Detection Module × 2	Included
Ethernet Interface × 2	Included
HaasConnect: Remote monitoring × 2	Included
HaasDrop × 2	Included
Lifting Provision × 2	Included
Media Display M-Code; M130 × 2	Included
Safe Run × 2	Included
10-Pocket Carousel Tool Changer × 2	Included
Control Touch Screen × 2	Included
WiFi Connection for the Haas Control × 2	Included
Window Air Blast × 2	Included
Work Light × 2	Included
Visual Part Programming System × 2	Included
User-Definable Macros × 2	Included
Spindle Orientation × 2	Included
Coordinate Rotation and Scaling × 2	Included
Chip Tray Filter Kit × 2	Included
CT-Style Tool Changer Grippers × 2	Included
Wireless Intuitive Probing System × 2	\$ 11,590.00
Chip Auger × 2	\$ 7,390.00
Rigid Tapping × 2	\$ 3,790.00
Standard Low-Volt Transformer × 2	Included
Convenience Package × 2	\$ 2,190.00
1-Year Extended Warranty × 2	\$ 5,990.00

Machine & Options Total \$ 110,940.00

MACHINE TOTAL \$ 110,940.00

SIMULATOR × 2 \$3,990.00

Options

SIMULATOR TOTAL \$ 3,990.00

MINIMILL \$39,995.00

Travels

X Axis	406 mm / 16.00 in
Y Axis	356 mm / 14.00 in
Z Axis	381 mm / 15.00 in
Spindle Nose to Table (~ max)	483 mm / 19.0 in
Spindle Nose to Table (~ min)	102 mm / 4.0 in

Options

Standard Program Memory, 1 GB	Included
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45-Gallon Coolant Tank	Included
8000-rpm Spindle, 10 hp (7.5 kW)	Included
Early Power-Failure Detection Module	Included
Ethernet Interface	Included
HaasConnect: Remote monitoring	Included
HaasDrop	Included
Lifting Provision	Included
Media Display M-Code; M130	Included
Safe Run	Included
10-Pocket Carousel Tool Changer	Included
Control Touch Screen	Included
WiFi Connection for the Haas Control	Included
Window Air Blast	Included
Work Light	Included
Visual Part Programming System	Included
User-Definable Macros	Included
Spindle Orientation	Included
Coordinate Rotation and Scaling	Included
Chip Tray Filter Kit	Included
CT-Style Tool Changer Grippers	Included
4th-Axis Drive and Wiring	\$ 3,195.00
Wireless Intuitive Probing System	\$ 5,795.00
Chip Auger	\$ 3,695.00
Programmable Coolant Nozzle	\$ 2,095.00
Rigid Tapping	\$ 1,895.00
Standard Low-Volt Transformer	Included
1-Year Extended Warranty	\$ 2,995.00
Machine & Options Total	\$ 59,665.00
MACHINE TOTAL	\$ 59,665.00

SIMULATOR

\$1,995.00

Options

SIMULATOR TOTAL \$ 1,995.00

ADDITIONAL ITEMS

Freight: Rigging not included × 3	\$ 6,000.00
Free Warranty Discount: Free Warranty Discount	\$ -8,985.00
PC 0604 Discount: EDU: 15% Machine, 25% Tooling Disc	\$ -30,228.00

** Not available for field installation*

TOTAL INVESTMENT

\$143,377.00

Shipping point FOB Oxnard, CA

Delivery Should Ship in 2-3 Weeks, subject to prior sale. Confirmation to be ARO.

Payment Terms 20% Down with Order, 80% due to release shipment

Validity This quotation is valid for thirty (30) days from date of issue.

Warranty 1 Year, Machine and Control

Installation Installation is included with the purchase of standard Haas CNC Machines (Except Desktop Mill).

Training Included at no additional charge at any of our regularly scheduled classes held at our HFO/Gerotech facilities for as long as you own your HAAS machines.



TERMS AND CONDITIONS

These terms and conditions of sale (the "Terms") are the only terms that govern the sale of products and the provision of services by Gerotech, Inc. ("GEROTECH") to the individual, entity, or party purchasing goods and/or services ("CUSTOMER").

1. **GOVERNING TERMS:** These Terms are incorporated into and are a material part of each proposal, quotation, purchase order, acceptance, invoice, release, shipping instruction, email, correspondence, and/or any other document or communication exchanged between GEROTECH and CUSTOMER (collectively, the "Other Documents"), whether expressed verbally, in written form, or electronic communication, relating to goods and/or services; in each case, regardless of whether these Terms are referred to in any Other Document. Notwithstanding anything to the contrary (including in any Other Document), these Terms shall prevail and govern over any other terms and conditions related to the goods and/or services, regardless of when such Other Document or terms and conditions may be provided by CUSTOMER to GEROTECH or GEROTECH to CUSTOMER, and GEROTECH and CUSTOMER expressly object to any contrary terms or conditions. Fulfillment of CUSTOMER's purchase order or provision by GEROTECH of any services does not constitute acceptance of any terms and conditions in any Other Document and does not serve to modify or amend these Terms.
2. **ACCEPTANCE, SALE PRICE & PAYMENT TERMS:** CUSTOMER's purchase order shall not be binding upon GEROTECH or create any obligation on GEROTECH's part unless and until GEROTECH has accepted CUSTOMER's purchase order in writing (subject to Section 1 above). Such acceptance shall be made by transmittal via electronic mail or United States mail to CUSTOMER by an authorized representative of GEROTECH. All prices quoted by GEROTECH are subject to change without notice until such time that GEROTECH acknowledges in writing CUSTOMER's purchase order. Unless agreed to in writing, all shipments are Ex Works the shipping point of the product. Except as otherwise expressly set forth in the applicable invoice, quote, or order acceptance issued by GEROTECH, CUSTOMER shall pay all invoiced amounts due to GEROTECH within thirty (30) days from the date of such invoice, quote, or order acceptance. In the event that any good(s) are back-ordered or missed in shipment, the retail value of said good(s) not shipped may be deducted from the amount due in order to make payment according to the stated terms. Payment of these delayed good(s) will be due immediately following shipment. In the event payments are not received by GEROTECH by the applicable due date, GEROTECH may (a) suspend delivery of all goods and performance of all services until payment has been made in full, and/or (b) charge interest daily at the lesser of a monthly rate of 1.5% or the highest rate permissible by Michigan law on the unpaid balance. CUSTOMER will pay all court costs, attorneys' fees, and other costs and expenses incurred by GEROTECH in collecting past due amounts, including interest. CUSTOMER shall not withhold payment of any amounts due and payable by reason of any setoff of any claim or dispute with GEROTECH.
3. **SALES, USE & OTHER TAXES:** No taxes imposed on the sale by GEROTECH of goods and/or services are included in the quotation or invoice for such goods and/or services (including, but not limited to, sales, use, excise, property or other similar taxes). All such taxes are the responsibility of CUSTOMER, and GEROTECH reserves the right to invoice CUSTOMER for such taxes in the event that GEROTECH is required to pay or collect such taxes. CUSTOMER agrees to indemnify and hold GEROTECH harmless for any such taxes, including penalties and interest resulting from non-payment of such taxes.
4. **SHIPMENT:** GEROTECH shall endeavor to accommodate CUSTOMER's requested delivery schedule but shall have no liability as a result of delays. Unless otherwise agreed to in writing by GEROTECH and CUSTOMER, GEROTECH shall select the means of transportation and routing of the ordered goods.
5. **TITLE & RISK OF LOSS:** Title to the goods shall pass to CUSTOMER upon payment in full of the purchase price for such goods and/or services. As collateral security for the payment of the purchase price of the goods and/or services, CUSTOMER hereby grants to GEROTECH a lien on and security interest in and to all of the right, title and interest in, to, and under the goods, wherever located, and whether now existing or hereafter arising or acquired from time to time, and in all accessions thereto and replacements or modifications thereof, as well as all proceeds (including insurance proceeds) of the foregoing. CUSTOMER agrees to execute any and all documents required or reasonably necessary to perfect such lien and security interest. The security interest granted under this provision constitutes a purchase money security interest under applicable law. Upon delivery of the ordered goods by GEROTECH, or its suppliers, to a carrier for shipment to CUSTOMER, risk of loss shall pass to CUSTOMER. Thereafter, the carrier shall be deemed to be acting for and on behalf of CUSTOMER. and the terms of payment for the ordered goods shall not be affected by damage to or destruction of the ordered goods. GEROTECH shall not be liable for any delay, loss, or damage in transit, and all claims for delay, loss or damage in transit should be directed to the carrier.
6. **DELAYS & CANCELLATION:** In the event that CUSTOMER requests GEROTECH to delay shipment of the ordered goods after GEROTECH's acceptance of CUSTOMER's order, GEROTECH will make commercially reasonable efforts to accommodate CUSTOMER's request. However, the purchase price of the ordered goods shall become due and payable when the goods are ready for shipment. In the event that GEROTECH determines that storage of the ordered goods is needed, GEROTECH will arrange for a suitable location and any charges incurred for storage will be the responsibility of CUSTOMER. CUSTOMER shall have no right to cancel or amend any order once acknowledged or accepted by GEROTECH, unless agreed to in writing by an authorized representative of GEROTECH.
7. **CUSTOMER-SPECIFIED LONG LEAD TIME:** Orders received from CUSTOMER with a specified shipment date beyond the prevailing shipping date for the good ordered (as determined by the manufacturer) will be subject to the following condition: if a price increase is announced subsequent to receipt of CUSTOMER's order, CUSTOMER will be notified of the price increase and given the opportunity to either (a) accept the shipment at the lower acknowledged price within the prevailing shipment time, or (b) accept the goods at the original CUSTOMER specified date at the increased price.
8. **INSTALLATION & SERVICE:** Rigging in place, site preparation and adequate utility connections are the sole responsibility of CUSTOMER. For CNC products, GEROTECH will furnish or make available, without additional cost to CUSTOMER, qualified technical personnel to start up the equipment, verify basic machine operation at installation and provide an initial demonstration for the safe operation and use of the installed equipment. After the initial demonstration, all training by GEROTECH will be charged by GEROTECH at its prevailing prices.

9. CUSTOMER OBLIGATIONS: CUSTOMER agrees that it and its employees, contractors, agents, representatives, and invitees will comply with all operating and safety procedures of the manufacturer or otherwise set forth in the manufacturer's operators manuals and instruction sheets relating to such goods when operating ordered goods, and CUSTOMER further agrees not to remove or modify any safety device, warning sign, operator's manual, or work handling tools. CUSTOMER shall immediately notify GEROTECH of any accident or injury connected with the use of the ordered goods and agrees, upon GEROTECH's request, to cooperate with GEROTECH in the investigating and determining cause of the same. CUSTOMER shall: (a) cooperate with GEROTECH in all matters relating to the goods and services and provide access to CUSTOMER's premises, and such other facilities as may reasonably be requested by GEROTECH; (b) respond promptly to any GEROTECH request to provide direction, information, approvals, authorizations, or decisions that are reasonably necessary for GEROTECH to deliver or inspect the goods and/or perform the services; (c) provide such materials and information as GEROTECH may request to deliver the goods and/or carry out the services in a timely manner and ensure that such materials and information are complete and accurate; and (d) obtain and maintain all necessary licenses and consents and comply with all applicable laws in relation to the goods and services. CUSTOMER agrees to indemnify and hold harmless GEROTECH from and against any and all claims, suits, damages of any nature, losses, costs, and expenses, including without limitation all fees and expenses of counsel and other professional advisors, arising from the use of any ordered goods or CUSTOMER's failure to comply with these Terms.

10. RESTOCKING: All returns must be pre-approved by GEROTECH, in writing, before goods can be returned. All goods returned are subject to GEROTECH's inspection. GEROTECH shall select the method of shipment of and the carrier with respect to any approved return of goods. CUSTOMER shall be responsible for all shipping costs and expenses with respect to any approved return of goods, and risk of loss shall pass to GEROTECH upon receipt by GEROTECH of the returned goods. CUSTOMER shall pay to GEROTECH a restocking fee equal to the greater of (a) 15% of the purchase price for such goods and (b) GEROTECH's documented costs and expenses in connection with restocking the goods. Special goods or those not normally stocked are non-returnable.

11. REPOSSESSION: If, in the event of default by CUSTOMER, GEROTECH repossess any good(s) sold to CUSTOMER, CUSTOMER shall pay GEROTECH a fee equal to the decrease in value of such good(s) (as determined by GEROTECH and measured by the difference in value of the good(s) at the time of shipment and the time of repossession). Any such fee shall become immediately due and payable upon notice to CUSTOMER of the amount of such fee.

12. LIMITED WARRANTY: GEROTECH assigns to CUSTOMER, to the extent assignable, any warranties that are made by manufacturers and suppliers other than GEROTECH of the goods. Solely with respect to GEROTECH engineered solutions ("Specialty Goods"), GEROTECH warrants that such Specialty Goods are free in all material respects from defects in material and workmanship under normal use and service with proper maintenance for a period of one year from the date of installation (as determined by GEROTECH), provided that the goods are in the possession of the original CUSTOMER; provided, however, that the foregoing warranty with respect to Specialty Goods does not include, and expressly does not cover, any materials or goods made by manufacturers or suppliers other than GEROTECH which are incorporated into the Specialty Goods. If any Specialty Good is proven to not conform with this warranty during the applicable warranty period, GEROTECH shall, at its exclusive option, either (a) repair or replace the Specialty Good or re-perform the services or (b) refund or credit the purchase price paid by CUSTOMER for each non-conforming Specialty Good or service. Notwithstanding anything to the contrary herein, GEROTECH reserves the right to dispute any claims for breach of warranty. All costs of packing and shipping replacement and defective parts shall be paid by CUSTOMER. This limited warranty is void if failure of the equipment or any part has resulted in whole or in part from misuse, accident, abuse, misapplication, improper service, handling, or maintenance, negligence, modifications to the manufacturer's specifications, normal wear and tear, or other inappropriate act or omission by CUSTOMER.

EXCEPT AS EXPRESSLY PROVIDED IN THIS SECTION 12, NEITHER GEROTECH NOR ANY PERSON OR ENTITY ON GEROTECH'S BEHALF HAS MADE OR MAKES ANY EXPRESS OR IMPLIED REPRESENTATION OR WARRANTY WHATSOEVER, INCLUDING ANY WARRANTIES OF (A) MERCHANTABILITY, (B) FITNESS FOR A PARTICULAR PURPOSE, (C) TITLE, OR (D) NON-INFRINGEMENT, WHETHER ARISING BY LAW, COURSE OF DEALING, COURSE OF PERFORMANCE, USAGE OF TRADE, OR OTHERWISE, ALL OF WHICH ARE EXPRESSLY DISCLAIMED. CUSTOMER ACKNOWLEDGES AND AGREES THAT IT HAS NOT RELIED ON ANY REPRESENTATION OR WARRANTY MADE BY GEROTECH OR ANY OTHER PERSON OR ENTITY ON GEROTECH'S BEHALF. THE REMEDIES SET FORTH IN THIS SECTION 12 ARE CUSTOMER'S SOLE AND EXCLUSIVE REMEDY AND GEROTECH'S ENTIRE LIABILITY FOR ANY BREACH OF THE LIMITED WARRANTY SET FORTH IN THIS SECTION.

13. LIMITATION OF LIABILITY: NOTWITHSTANDING ANYTHING TO THE CONTRARY, IN NO EVENT SHALL GEROTECH OR ANY OF ITS REPRESENTATIVES, UNDER ANY CIRCUMSTANCES, BE LIABLE TO CUSTOMER OR TO ANY THIRD PARTY FOR ANY LOSS OF USE, LOSS OF DATA, DIMINUTION IN VALUE, LOST PROFITS OR BUSINESS OPPORTUNITIES, OR INDIRECT, SPECIAL, CONSEQUENTIAL, INCIDENTAL, PUNITIVE, ENHANCED, OR EXEMPLARY DAMAGES, LOSSES, COSTS, OR EXPENSES WHATSOEVER, OR FOR COSTS OF COVER OR ATTORNEY OR EXPERT WITNESS FEES, REGARDLESS OF WHETHER ANY OF THE FOREGOING WERE FORESEEABLE, WHETHER GEROTECH HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, AND/OR WHETHER ARISING OUT OF BREACH OF CONTRACT, TORT (INCLUDING NEGLIGENCE), OR OTHERWISE, AND NOTWITHSTANDING THE FAILURE OF ANY AGREED OR OTHER REMEDY OF ITS ESSENTIAL PURPOSE. NOTWITHSTANDING ANYTHING TO THE CONTRARY, IN NO EVENT SHALL GEROTECH'S AGGREGATE LIABILITY ARISING OUT OF OR RELATED TO ANY GOODS AND/OR SERVICES, WHETHER ARISING OUT OF OR RELATED TO BREACH OF CONTRACT, INFRINGEMENT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT, OR OTHERWISE, EXCEED THE AGGREGATE AMOUNT PAID OR PAYABLE TO GEROTECH BY CUSTOMER PURSUANT TO THE INVOICE FOR THE GOOD(S) UNDER WHICH SUCH LIABILITY AROSE. THIS SECTION EXPRESSLY SURVIVES.

14. INDEMNIFICATION: CUSTOMER agrees to indemnify, defend and hold GEROTECH and its affiliates, officers, directors, employees, subcontractors, representatives, agents, successors, and assigns harmless from and against all losses, liabilities, fines, penalties, costs, claims, actions, awards, damages, demands and expenses of whatever type or nature, including reasonable attorneys' fees, fees and the costs of enforcing any right to indemnification under these Terms, and the cost of pursuing any insurance providers (all of the foregoing, "Losses"), relating to, arising out of, or resulting from (a) any negligent act or omission or willful misconduct by CUSTOMER or any of its employees or representatives, (b) any claim or action by CUSTOMER's agents, employees, or subcontractors, and/or (c) the failure of CUSTOMER or its

agents, employees or subcontractors to comply with these Terms or any applicable federal, state or local law, statute, regulation, rule, ordinance or government directive which may directly or indirectly regulate or affect the obligation of CUSTOMER hereunder. However, CUSTOMER will not be required to indemnify, defend or hold GEROTECH harmless from or against any Losses only to the extent such Losses proximately arise out of any negligent act or omission by GEROTECH's employees, agents, or subcontractors.

15. **DEFAULT:** In the event of any default or breach by CUSTOMER under these Terms, all obligations of CUSTOMER to GEROTECH shall become immediately due and payable, without notice to CUSTOMER, and GEROTECH may proceed to enforce payment of the same and to exercise any and all of the rights and remedies afforded to GEROTECH under applicable law or under these Terms or otherwise available to it. GEROTECH shall, at all times after default, have the right to take possession of any good(s) sold to CUSTOMER and to maintain such possession on the premises of CUSTOMER or to remove such goods or any part thereof to such other place as GEROTECH may desire. If GEROTECH shall exercise its right to take possession or control of the goods(s), CUSTOMER shall, upon demand by GEROTECH, assemble the goods(s) and make them available to GEROTECH at a place convenient or designated by GEROTECH. In addition to the rights and remedies conferred on GEROTECH by law and these Terms, GEROTECH will not be required to respond to or perform under any purchase order (even if previously accepted) if CUSTOMER is in default with respect to any other purchase order. If GEROTECH at any time, in GEROTECH's sole discretion, doubts CUSTOMER's ability to pay for ordered goods consistent with these Terms, GEROTECH may ship the goods C.O.D. In the event of any default by CUSTOMER under these Terms, GEROTECH may decline, in its sole discretion to make further shipments of goods to CUSTOMER without in any way affecting GEROTECH's rights under these Terms. If, despite any default by CUSTOMER, GEROTECH elects to continue to make shipments of goods, GEROTECH's actions shall not constitute a waiver of any default by CUSTOMER or in any way affect GEROTECH's remedies for such default under these Terms or otherwise.

16. **INTELLECTUAL PROPERTY:** All intellectual property rights, including copyrights, patents, patent disclosures and inventions (whether patentable or not), trademarks, service marks, trade secrets, know-how and other confidential information, trade dress, trade names, logos, brand names, corporate names, and domain names, together with all of the goodwill associated therewith, derivative works and all other rights, in each case whether registered or unregistered including all registrations and applications for, and renewals or extensions of, these rights and all similar or equivalent rights or forms of protection in any part of the world in and to all documents, work product, and other materials that are delivered to CUSTOMER or prepared by or on behalf of GEROTECH in the course of delivering the goods and/or providing the services shall be owned by GEROTECH.

17. **ITAR/EAR:** CUSTOMER shall be responsible for compliance with all U.S. export control laws and regulations, including the International Traffic in Arms Regulations (ITAR), 22 CFR Parts 120 through 130, and the Export Administration Regulations (EAR), 15 CFR Parts 730 through 799, in connection with these Terms and the purchase of goods and/or services. Unless otherwise granted an exemption, CUSTOMER shall be responsible for obtaining the appropriate licenses or other approvals, if required, for exports of hardware, technical data, and software, or for the provision of technical assistance. CUSTOMER shall be responsible for obtaining export licenses, if required, before utilizing foreign persons in connection with these Terms and the purchase of the goods and/or services. CUSTOMER shall be responsible for all regulatory record keeping requirements associated with the use of licenses and license exemptions/exceptions.

18. **WAIVER:** Neither the failure nor delay of any party in exercising any right, power or privilege under these Terms or the documents referred to in these Terms will operate as a waiver of such right, power or privilege, and no single or partial exercise of any such right, power or privilege will preclude any other or further exercise of such right, power or privilege. No waiver of any of the provisions of these Terms is effective unless explicitly set forth in writing and signed by the party so waiving.

19. **ENTIRE AGREEMENT:** The provisions of these Terms, including any purchase and security agreement entered into in connection herewith, constitute the entire agreement of the parties and any terms, either oral or written, not specified herein shall not be binding. Additions to or modifications of these Terms shall not be binding on GEROTECH unless made in writing and signed by a duly authorized officer of GEROTECH.

20. **SUCCESSORS:** All terms and conditions set forth in these Terms are and shall be binding upon and inure to the benefit of the parties hereto and on each of their successors and assigns. CUSTOMER shall not assign any of its rights or delegate any of its obligations under these Terms without the prior written consent of GEROTECH. Any purported assignment or delegation in violation of this section is null and void. No permitted assignment or delegation relieves CUSTOMER of any of its obligations under these Terms.

21. **FORCE MAJEURE:** GEROTECH shall not be liable or responsible to CUSTOMER, nor be deemed to have defaulted or breached these Terms, for any failure or delay in fulfilling or performing any term of these Terms when and to the extent such failure or delay is caused by or results from acts or circumstances beyond the reasonable control of GEROTECH, including, without limitation, acts of God, flood, fire, earthquake, explosion, governmental actions, war, invasion or hostilities (whether war is declared or not), terrorist threats or acts, riot, or other civil unrest, national emergency, revolution, insurrection, epidemic, pandemic (including COVID-19 and any variants), lock-outs, strikes or other labor disputes, failure of suppliers to satisfactorily meet delivery requirements, restraints or delays affecting carriers, inability or delay in obtaining supplies, goods, or materials, or telecommunication breakdown or power outage.

22. **GOVERNING LAW; JURISDICTION:** All matters arising out of or relating to these TERMS are governed by and shall be construed in accordance with the internal laws of the State of Michigan, without giving effect to any choice or conflict of law provision or rule (whether of the state where the goods were delivered or the services were rendered or any other jurisdiction) that would cause the application of the laws of any jurisdiction other than those of the State of Michigan. Any legal suit, action, or proceeding arising out of or relating to these Terms, the goods, or the services shall be instituted only in the United States District Court for the Eastern District of Michigan or, if such court does not have subject matter jurisdiction, the courts of the State of Michigan sitting in Wayne County, Michigan, and any appellate court from any thereof. CUSTOMER irrevocably submits to the exclusive jurisdiction of such courts in any such suit, action, or proceeding.

23. **WAIVER OF JURY TRIAL:** CUSTOMER ACKNOWLEDGES AND AGREES THAT ANY CONTROVERSY THAT MAY ARISE UNDER THESE TERMS IS LIKELY TO INVOLVE COMPLICATED AND DIFFICULT ISSUES AND, THEREFORE, TO THE FULLEST EXTENT PERMITTED BY LAW, CUSTOMER IRREVOCABLY AND UNCONDITIONALLY WAIVES ANY RIGHT CUSTOMER MAY HAVE TO A TRIAL BY JURY IN RESPECT OF ANY LEGAL ACTION ARISING OUT OF OR RELATING TO THESE TERMS OR THE GOODS OR SERVICES.

24. **AMENDMENT:** These Terms may be unilaterally amended or modified by GEROTECH at any time. Any such amended or modified version of these Terms shall become effective for all orders placed after the date such Terms are amended or modified.



Haas Factory Outlet

A Division of Gerotech Inc.

ST-10 WITH SIMULATOR PROPOSAL

PROPOSAL: MIDMICH HAAS ST-10 240930CW-II

DATE: 9/18/2024

PREPARED FOR:

NATHANAEL FARRELL

MID MICHIGAN COMMUNITY COLLEGE

1375 S CLARE AVE

HARRISON MI 48625-9442

PREPARED BY:

CASEY WRIGHT

HFO GEROTECH

734-379-7788

cwright@gerotech.com



PRODUCT OVERVIEW ST-10

ST-10



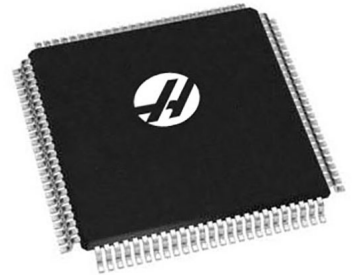
CNC Lathe with 12" x 16" (305 x 406 mm) max capacity and 1.75" (44 mm) bar capacity



STANDARD FEATURES ST-10

Inch Measurement Units

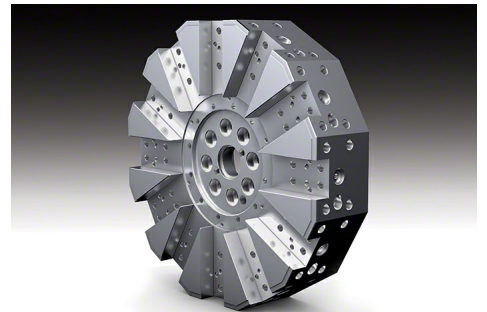
Standard Program Memory; 1 GB of onboard memory for program storage and backup.



30-Gallon (114 liter) Integrated Coolant Tank with 1/2 hp (0.4 kW) pump

6000-rpm Spindle, 15 hp (11.2 kW), A2-5 spindle nose, 1.75" (44 mm) bar capacity, belt drive

12-Station Bolt-On Tool Turret, accepts 0.75" (20 mm) turning sticks.



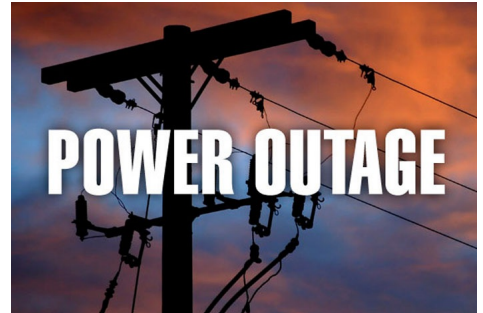
Bolt-On Toolholder Kit; includes 1 each 0.75" Face Groove Holder, 1 each 1" ID, 1 each 1.25" ID, 4 each coolant block, 4 each turret face wedge/clamp, and assorted coolant fittings.



6.5" (165 mm) Hydraulic Chuck, A2-5 spindle nose



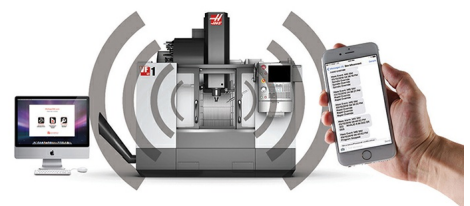
Early Power-Failure Detection Module; senses a power failure or severe drop in incoming line voltage and quickly brings all axis motion to a safe and controlled stop.



Ethernet Interface; allows you to easily transfer files to and from the machine over a local wired network.



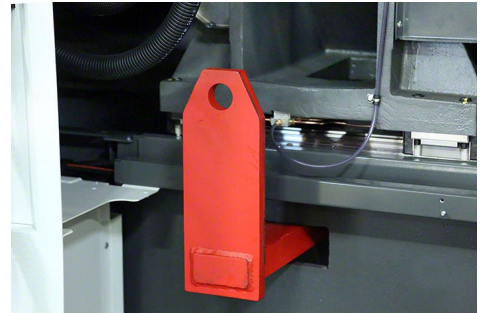
HaasConnect: Remote monitoring of your Haas machine. Requires the machine to be connected to the Internet.



HaasDrop Wireless File Transfer is a fast and convenient method for sending images, videos, and even program files from a mobile device directly to the Next-Generation Control on a Haas CNC machine. Available for Android and iOS devices.



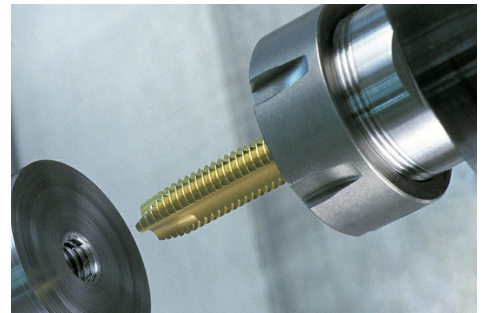
Lifting Provision; built-in attachment points for lifting the machine



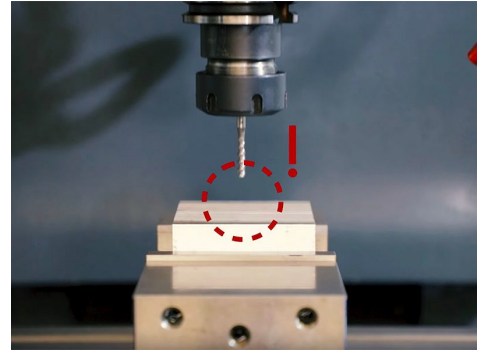
Media Display M-Code; M130 is used within an NC program to call up media files (images, videos, PDF files) from memory and display them on the control screen as the program runs. NextGen Control only.



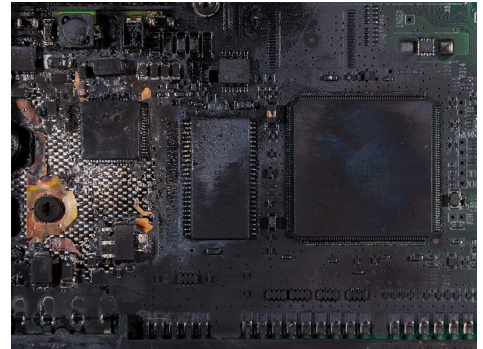
Rigid Tapping; synchronized tapping, with built-in tap cycles and up to 8X retract speed.



Safe Run; a software feature in the Haas control that reduces the chances of significant machine damage during a machine crash.



Surge Protection; provides protection from power surges to the machine control, preventing damage to critical components. If the machine experiences a power surge, the single-use surge-protection module is consumed, preventing the electrical spike from affecting the rest of the control components. Replacement surge-protection modules are available from Haas. Standard on 3-phase machines only.



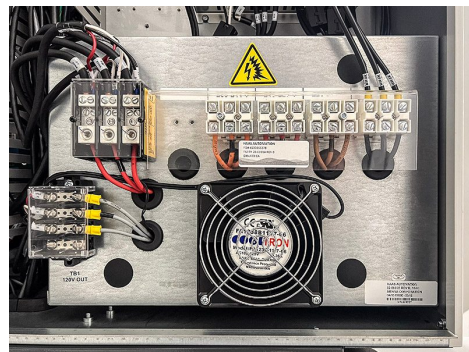
Touch Screen interface for the Haas control; allows screen navigation, data entry, and other control functions on-screen, without using the keypad.



WiFi Connection for the Haas Control; provides wireless connectivity between the Haas control and a local area network.



Internal Low-Voltage Transformer for 195-260V operation.

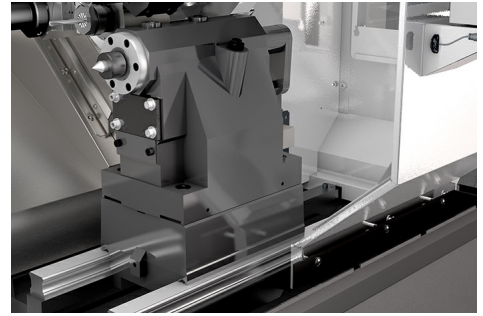




SELECTED OPTIONS ST-10

Manual Tailstock with Hydraulic Quill

Manual Tailstock with Hydraulic Quill; provides additional support for long workpieces. Hydraulic quill has 4" of stroke, and features an MT3 taper.



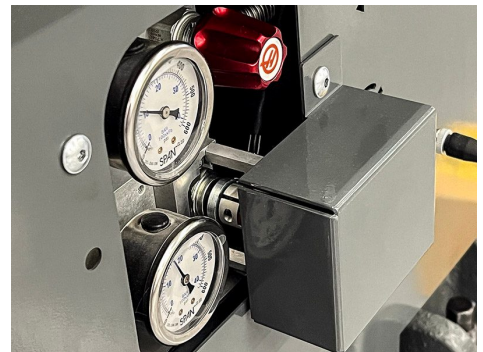
Parts Catcher

Parts Catcher System; rotates into position to catch a finished part as it is cut off; allows for unattended machining.



Programmable Chuck Pressure

Programmable Chuck Pressure; allows you to adjust your chuck gripping pressure via the part program, or directly from the Haas control. Main spindle only.



1-Year Extended Warranty

1-Year Extended Warranty (includes 1-year standard warranty); adds another full year to your warranty, parts and labor.





SPECS ST-10

Capacities	S.A.E	Metric
Chuck Size	6.5 in	165 mm
Max Part Swing	16.5 in	419 mm
Max Cutting Diameter (with BOT turret)	12.00 in	305 mm
Max Cutting Diameter (with BMT45 turret)	11.00 in	279 mm
Max Cutting Diameter (with VDI turret)	6.80 in	173 mm
Max Cutting Length (varies with workholding)	16.0 in	406 mm
Bar Capacity	1.75 in	44 mm
Travels	S.A.E	Metric
X Axis	7.88 in	200 mm
Z Axis	16.00 in	406 mm
Feedrates	S.A.E	Metric
Rapids on X	1200 ipm	30.5 m/min
Rapids on Z	1200 ipm	30.5 m/min
Axis Motors	S.A.E	Metric
Max Thrust X	3300 lbf	14679 N
Max Thrust Z	3300 lbf	14679 N
Spindle	S.A.E	Metric
Spindle Nose	A2-5	A2-5
Max Rating	15.0 hp	11.2 kW
Max Speed	6000 rpm	6000 rpm
Max Torque	75.0 ft-lbf @ 1300 rpm	102.0 Nm @ 1300 rpm

Spindle Bore ø	2.31 in	58.7 mm
Sub-Spindle	S.A.E	Metric
Chuck Size	5.3 in	135 mm
Spindle Nose	A2-5	A2-5
Max Speed	6000 rpm	6000 rpm
Max Sync Speed w/Main Spindle	4800 rpm	4800 rpm
Chuck Throat	Ø 1.30 in x 1.37 in DEEP	Ø 33.0 mm x 34.8 mm DEEP
Drawbar Bore (non-through)	Ø 1.00 in x 4.50 in DEEP	Ø 25.4 mm x 114.3 mm DEEP
Spindle Bore (without chuck and drawbar installed)	1.50 in	38.1 mm
Integrated Brake Torque	17 ft-lbf	23 N/m
Spindle Orientation Accuracy (Requires SO)	± 0.02 °	± 0.02 °
Rapids (B-axis)	400 ipm	10 m/min
Tailstock	S.A.E	Metric
Taper	MT3	MT3
Hydraulic Quill Travel	3.8 in	95 mm
Manual Body Positioning	20.0 in	508 mm
Max Thrust (Hyd. Quill Only)	1130 lbf	5026 N
Min Thrust (Hyd. Quill Only)	140 lbf	623 N
Turret	S.A.E	Metric
Number of Tools	12-Station BOT	12-Station BOT
OD vs ID Tools	Any Combination (will vary with turret)	Any Combination (will vary with turret)
Boring Bar Rear Clearance (from back of turret)	0.75 in	19.1 mm
General	S.A.E	Metric
Coolant Capacity	30 gal	114 L
Air Requirements	S.A.E	Metric

Air Required	4 scfm @ 100 psi	113 L/min @ 6.9 bar
Inline Air Hose	3/8 in	3/8 in
Coupler (Air)	3/8 in	3/8 in
Air Pressure Min	80 psi	5.5 bar
Electrical Specification	S.A.E	Metric
Spindle Speed	6000 rpm	6000 rpm
Drive System	Direct Speed, Belt Drive	Direct Speed, Belt Drive
Spindle Power	15.0 hp	11.2 kW
Input AC Voltage (3 Phase) - Low	220 VAC	220 VAC
Full Load Amps (3 Phase) - Low	40 A	40 A
Input AC Voltage (3 Phase) - High*	440 VAC	440 VAC
Full Load Amps (3 Phase) - High*	20 A	20 A
Dimensions - Shipping	S.A.E	Metric
Domestic Pallet	126.0 in x 70.0 in x 81.0 in	320 cm x 178 cm x 206 cm
Export Pallet	126.0 in x 70.0 in x 81.0 in	320 cm x 178 cm x 206 cm
Weight	7900 lb	3585.0 kg



QUOTATION

ST-10 \$55,095.00

Travels

X Axis 200 mm / 7.88 in
Z Axis 406 mm / 16.00 in

Options

Standard Program Memory, 1 GB Included
30-Gallon Coolant Tank Included
6000-rpm Spindle Included
12-Station Bolt-On Tool Turret Included
Bolt-On Toolholder Kit, 3/4" Included
6.5" Hydraulic Chuck, A2-5 Included
Early Power-Failure Detection Module Included
Ethernet Interface Included
HaasConnect: Remote monitoring Included
HaasDrop Included
Lifting Provision Included
Media Display M-Code; M130 Included
Rigid Tapping Included
Safe Run Included
Power Surge Protection Included
Control Touch Screen Included
WiFi Connection for the Haas Control Included
Inch Measurement Units Included
*Manual Tailstock with Hydraulic Quill \$ 6,695.00
Parts Catcher \$ 3,195.00
*Programmable Chuck Pressure \$ 1,595.00
Standard Low-Volt Transformer Included
1-Year Extended Warranty \$ 7,895.00

Machine & Options Total \$ 74,475.00

MACHINE TOTAL \$ 74,475.00

SIMULATOR \$1,995.00

Options

SIMULATOR TOTAL \$ 1,995.00

ADDITIONAL ITEMS

Freight: Rigging not included \$ 2,690.00
Free Warranty Discount: Free Warranty Discount \$ -7,895.00
PC 0604 Discount: EDU: 15% Machine, 25% Tooling Disc \$ -8,653.00

* Not available for field installation

TOTAL INVESTMENT \$62,612.00

Shipping point FOB Oxnard, CA
Delivery Should Ship in 3 Weeks, subject to prior sale. Confirmation to be ARO.

Payment Terms 20% Down with Order, 80% due to release shipment

Validity This quotation is valid for thirty (30) days from date of issue.

Warranty	1 Year, Machine and Control
Installation	Installation is included with the purchase of standard Haas CNC Machines (Except Desktop Mill).
Training	Included at no additional charge at any of our regularly scheduled classes held at our HFO/Gerotech facilities for as long as you own your HAAS machines.

Comments by Casey Wright

This machine does not have a tailstock. it is factory install only. If you want one, you will need to order with the machine.



TERMS AND CONDITIONS

These terms and conditions of sale (the "Terms") are the only terms that govern the sale of products and the provision of services by Gerotech, Inc. ("GEROTECH") to the individual, entity, or party purchasing goods and/or services ("CUSTOMER").

1. **GOVERNING TERMS:** These Terms are incorporated into and are a material part of each proposal, quotation, purchase order, acceptance, invoice, release, shipping instruction, email, correspondence, and/or any other document or communication exchanged between GEROTECH and CUSTOMER (collectively, the "Other Documents"), whether expressed verbally, in written form, or electronic communication, relating to goods and/or services; in each case, regardless of whether these Terms are referred to in any Other Document. Notwithstanding anything to the contrary (including in any Other Document), these Terms shall prevail and govern over any other terms and conditions related to the goods and/or services, regardless of when such Other Document or terms and conditions may be provided by CUSTOMER to GEROTECH or GEROTECH to CUSTOMER, and GEROTECH and CUSTOMER expressly object to any contrary terms or conditions. Fulfillment of CUSTOMER's purchase order or provision by GEROTECH of any services does not constitute acceptance of any terms and conditions in any Other Document and does not serve to modify or amend these Terms.
2. **ACCEPTANCE, SALE PRICE & PAYMENT TERMS:** CUSTOMER's purchase order shall not be binding upon GEROTECH or create any obligation on GEROTECH's part unless and until GEROTECH has accepted CUSTOMER's purchase order in writing (subject to Section 1 above). Such acceptance shall be made by transmittal via electronic mail or United States mail to CUSTOMER by an authorized representative of GEROTECH. All prices quoted by GEROTECH are subject to change without notice until such time that GEROTECH acknowledges in writing CUSTOMER's purchase order. Unless agreed to in writing, all shipments are Ex Works the shipping point of the product. Except as otherwise expressly set forth in the applicable invoice, quote, or order acceptance issued by GEROTECH, CUSTOMER shall pay all invoiced amounts due to GEROTECH within thirty (30) days from the date of such invoice, quote, or order acceptance. In the event that any good(s) are back-ordered or missed in shipment, the retail value of said good(s) not shipped may be deducted from the amount due in order to make payment according to the stated terms. Payment of these delayed good(s) will be due immediately following shipment. In the event payments are not received by GEROTECH by the applicable due date, GEROTECH may (a) suspend delivery of all goods and performance of all services until payment has been made in full, and/or (b) charge interest daily at the lesser of a monthly rate of 1.5% or the highest rate permissible by Michigan law on the unpaid balance. CUSTOMER will pay all court costs, attorneys' fees, and other costs and expenses incurred by GEROTECH in collecting past due amounts, including interest. CUSTOMER shall not withhold payment of any amounts due and payable by reason of any setoff of any claim or dispute with GEROTECH.
3. **SALES, USE & OTHER TAXES:** No taxes imposed on the sale by GEROTECH of goods and/or services are included in the quotation or invoice for such goods and/or services (including, but not limited to, sales, use, excise, property or other similar taxes). All such taxes are the responsibility of CUSTOMER, and GEROTECH reserves the right to invoice CUSTOMER for such taxes in the event that GEROTECH is required to pay or collect such taxes. CUSTOMER agrees to indemnify and hold GEROTECH harmless for any such taxes, including penalties and interest resulting from non-payment of such taxes.
4. **SHIPMENT:** GEROTECH shall endeavor to accommodate CUSTOMER's requested delivery schedule but shall have no liability as a result of delays. Unless otherwise agreed to in writing by GEROTECH and CUSTOMER, GEROTECH shall select the means of transportation and routing of the ordered goods.
5. **TITLE & RISK OF LOSS:** Title to the goods shall pass to CUSTOMER upon payment in full of the purchase price for such goods and/or services. As collateral security for the payment of the purchase price of the goods and/or services, CUSTOMER hereby grants to GEROTECH a lien on and security interest in and to all of the right, title and interest in, to, and under the goods, wherever located, and whether now existing or hereafter arising or acquired from time to time, and in all accessions thereto and replacements or modifications thereof, as well as all proceeds (including insurance proceeds) of the foregoing. CUSTOMER agrees to execute any and all documents required or reasonably necessary to perfect such lien and security interest. The security interest granted under this provision constitutes a purchase money security interest under applicable law. Upon delivery of the ordered goods by GEROTECH, or its suppliers, to a carrier for shipment to CUSTOMER, risk of loss shall pass to CUSTOMER. Thereafter, the carrier shall be deemed to be acting for and on behalf of CUSTOMER. and the terms of payment for the ordered goods shall not be affected by damage to or destruction of the ordered goods. GEROTECH shall not be liable for any delay, loss, or damage in transit, and all claims for delay, loss or damage in transit should be directed to the carrier.
6. **DELAYS & CANCELLATION:** In the event that CUSTOMER requests GEROTECH to delay shipment of the ordered goods after GEROTECH's acceptance of CUSTOMER's order, GEROTECH will make commercially reasonable efforts to accommodate CUSTOMER's request. However, the purchase price of the ordered goods shall become due and payable when the goods are ready for shipment. In the event that GEROTECH determines that storage of the ordered goods is needed, GEROTECH will arrange for a suitable location and any charges incurred for storage will be the responsibility of CUSTOMER. CUSTOMER shall have no right to cancel or amend any order once acknowledged or accepted by GEROTECH, unless agreed to in writing by an authorized representative of GEROTECH.
7. **CUSTOMER-SPECIFIED LONG LEAD TIME:** Orders received from CUSTOMER with a specified shipment date beyond the prevailing shipping date for the good ordered (as determined by the manufacturer) will be subject to the following condition: if a price increase is announced subsequent to receipt of CUSTOMER's order, CUSTOMER will be notified of the price increase and given the opportunity to either (a) accept the shipment at the lower acknowledged price within the prevailing shipment time, or (b) accept the goods at the original CUSTOMER specified date at the increased price.
8. **INSTALLATION & SERVICE:** Rigging in place, site preparation and adequate utility connections are the sole responsibility of CUSTOMER. For CNC products, GEROTECH will furnish or make available, without additional cost to CUSTOMER, qualified technical personnel to start up the equipment, verify basic machine operation at installation and provide an initial demonstration for the safe operation and use of the installed equipment. After the initial demonstration, all training by GEROTECH will be charged by GEROTECH at its prevailing prices.

9. CUSTOMER OBLIGATIONS: CUSTOMER agrees that it and its employees, contractors, agents, representatives, and invitees will comply with all operating and safety procedures of the manufacturer or otherwise set forth in the manufacturer's operators manuals and instruction sheets relating to such goods when operating ordered goods, and CUSTOMER further agrees not to remove or modify any safety device, warning sign, operator's manual, or work handling tools. CUSTOMER shall immediately notify GEROTECH of any accident or injury connected with the use of the ordered goods and agrees, upon GEROTECH's request, to cooperate with GEROTECH in the investigating and determining cause of the same. CUSTOMER shall: (a) cooperate with GEROTECH in all matters relating to the goods and services and provide access to CUSTOMER's premises, and such other facilities as may reasonably be requested by GEROTECH; (b) respond promptly to any GEROTECH request to provide direction, information, approvals, authorizations, or decisions that are reasonably necessary for GEROTECH to deliver or inspect the goods and/or perform the services; (c) provide such materials and information as GEROTECH may request to deliver the goods and/or carry out the services in a timely manner and ensure that such materials and information are complete and accurate; and (d) obtain and maintain all necessary licenses and consents and comply with all applicable laws in relation to the goods and services. CUSTOMER agrees to indemnify and hold harmless GEROTECH from and against any and all claims, suits, damages of any nature, losses, costs, and expenses, including without limitation all fees and expenses of counsel and other professional advisors, arising from the use of any ordered goods or CUSTOMER's failure to comply with these Terms.

10. RESTOCKING: All returns must be pre-approved by GEROTECH, in writing, before goods can be returned. All goods returned are subject to GEROTECH's inspection. GEROTECH shall select the method of shipment of and the carrier with respect to any approved return of goods. CUSTOMER shall be responsible for all shipping costs and expenses with respect to any approved return of goods, and risk of loss shall pass to GEROTECH upon receipt by GEROTECH of the returned goods. CUSTOMER shall pay to GEROTECH a restocking fee equal to the greater of (a) 15% of the purchase price for such goods and (b) GEROTECH's documented costs and expenses in connection with restocking the goods. Special goods or those not normally stocked are non-returnable.

11. REPOSSESSION: If, in the event of default by CUSTOMER, GEROTECH repossess any good(s) sold to CUSTOMER, CUSTOMER shall pay GEROTECH a fee equal to the decrease in value of such good(s) (as determined by GEROTECH and measured by the difference in value of the good(s) at the time of shipment and the time of repossession). Any such fee shall become immediately due and payable upon notice to CUSTOMER of the amount of such fee.

12. LIMITED WARRANTY: GEROTECH assigns to CUSTOMER, to the extent assignable, any warranties that are made by manufacturers and suppliers other than GEROTECH of the goods. Solely with respect to GEROTECH engineered solutions ("Specialty Goods"), GEROTECH warrants that such Specialty Goods are free in all material respects from defects in material and workmanship under normal use and service with proper maintenance for a period of one year from the date of installation (as determined by GEROTECH), provided that the goods are in the possession of the original CUSTOMER; provided, however, that the foregoing warranty with respect to Specialty Goods does not include, and expressly does not cover, any materials or goods made by manufacturers or suppliers other than GEROTECH which are incorporated into the Specialty Goods. If any Specialty Good is proven to not conform with this warranty during the applicable warranty period, GEROTECH shall, at its exclusive option, either (a) repair or replace the Specialty Good or re-perform the services or (b) refund or credit the purchase price paid by CUSTOMER for each non-conforming Specialty Good or service. Notwithstanding anything to the contrary herein, GEROTECH reserves the right to dispute any claims for breach of warranty. All costs of packing and shipping replacement and defective parts shall be paid by CUSTOMER. This limited warranty is void if failure of the equipment or any part has resulted in whole or in part from misuse, accident, abuse, misapplication, improper service, handling, or maintenance, negligence, modifications to the manufacturer's specifications, normal wear and tear, or other inappropriate act or omission by CUSTOMER.

EXCEPT AS EXPRESSLY PROVIDED IN THIS SECTION 12, NEITHER GEROTECH NOR ANY PERSON OR ENTITY ON GEROTECH'S BEHALF HAS MADE OR MAKES ANY EXPRESS OR IMPLIED REPRESENTATION OR WARRANTY WHATSOEVER, INCLUDING ANY WARRANTIES OF (A) MERCHANTABILITY, (B) FITNESS FOR A PARTICULAR PURPOSE, (C) TITLE, OR (D) NON-INFRINGEMENT, WHETHER ARISING BY LAW, COURSE OF DEALING, COURSE OF PERFORMANCE, USAGE OF TRADE, OR OTHERWISE, ALL OF WHICH ARE EXPRESSLY DISCLAIMED. CUSTOMER ACKNOWLEDGES AND AGREES THAT IT HAS NOT RELIED ON ANY REPRESENTATION OR WARRANTY MADE BY GEROTECH OR ANY OTHER PERSON OR ENTITY ON GEROTECH'S BEHALF. THE REMEDIES SET FORTH IN THIS SECTION 12 ARE CUSTOMER'S SOLE AND EXCLUSIVE REMEDY AND GEROTECH'S ENTIRE LIABILITY FOR ANY BREACH OF THE LIMITED WARRANTY SET FORTH IN THIS SECTION.

13. LIMITATION OF LIABILITY: NOTWITHSTANDING ANYTHING TO THE CONTRARY, IN NO EVENT SHALL GEROTECH OR ANY OF ITS REPRESENTATIVES, UNDER ANY CIRCUMSTANCES, BE LIABLE TO CUSTOMER OR TO ANY THIRD PARTY FOR ANY LOSS OF USE, LOSS OF DATA, DIMINUTION IN VALUE, LOST PROFITS OR BUSINESS OPPORTUNITIES, OR INDIRECT, SPECIAL, CONSEQUENTIAL, INCIDENTAL, PUNITIVE, ENHANCED, OR EXEMPLARY DAMAGES, LOSSES, COSTS, OR EXPENSES WHATSOEVER, OR FOR COSTS OF COVER OR ATTORNEY OR EXPERT WITNESS FEES, REGARDLESS OF WHETHER ANY OF THE FOREGOING WERE FORESEEABLE, WHETHER GEROTECH HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, AND/OR WHETHER ARISING OUT OF BREACH OF CONTRACT, TORT (INCLUDING NEGLIGENCE), OR OTHERWISE, AND NOTWITHSTANDING THE FAILURE OF ANY AGREED OR OTHER REMEDY OF ITS ESSENTIAL PURPOSE. NOTWITHSTANDING ANYTHING TO THE CONTRARY, IN NO EVENT SHALL GEROTECH'S AGGREGATE LIABILITY ARISING OUT OF OR RELATED TO ANY GOODS AND/OR SERVICES, WHETHER ARISING OUT OF OR RELATED TO BREACH OF CONTRACT, INFRINGEMENT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT, OR OTHERWISE, EXCEED THE AGGREGATE AMOUNT PAID OR PAYABLE TO GEROTECH BY CUSTOMER PURSUANT TO THE INVOICE FOR THE GOOD(S) UNDER WHICH SUCH LIABILITY AROSE. THIS SECTION EXPRESSLY SURVIVES.

14. INDEMNIFICATION: CUSTOMER agrees to indemnify, defend and hold GEROTECH and its affiliates, officers, directors, employees, subcontractors, representatives, agents, successors, and assigns harmless from and against all losses, liabilities, fines, penalties, costs, claims, actions, awards, damages, demands and expenses of whatever type or nature, including reasonable attorneys' fees, fees and the costs of enforcing any right to indemnification under these Terms, and the cost of pursuing any insurance providers (all of the foregoing, "Losses"), relating to, arising out of, or resulting from (a) any negligent act or omission or willful misconduct by CUSTOMER or any of its employees or representatives, (b) any claim or action by CUSTOMER's agents, employees, or subcontractors, and/or (c) the failure of CUSTOMER or its

agents, employees or subcontractors to comply with these Terms or any applicable federal, state or local law, statute, regulation, rule, ordinance or government directive which may directly or indirectly regulate or affect the obligation of CUSTOMER hereunder. However, CUSTOMER will not be required to indemnify, defend or hold GEROTECH harmless from or against any Losses only to the extent such Losses proximately arise out of any negligent act or omission by GEROTECH's employees, agents, or subcontractors.

15. **DEFAULT:** In the event of any default or breach by CUSTOMER under these Terms, all obligations of CUSTOMER to GEROTECH shall become immediately due and payable, without notice to CUSTOMER, and GEROTECH may proceed to enforce payment of the same and to exercise any and all of the rights and remedies afforded to GEROTECH under applicable law or under these Terms or otherwise available to it. GEROTECH shall, at all times after default, have the right to take possession of any good(s) sold to CUSTOMER and to maintain such possession on the premises of CUSTOMER or to remove such goods or any part thereof to such other place as GEROTECH may desire. If GEROTECH shall exercise its right to take possession or control of the goods(s), CUSTOMER shall, upon demand by GEROTECH, assemble the goods(s) and make them available to GEROTECH at a place convenient or designated by GEROTECH. In addition to the rights and remedies conferred on GEROTECH by law and these Terms, GEROTECH will not be required to respond to or perform under any purchase order (even if previously accepted) if CUSTOMER is in default with respect to any other purchase order. If GEROTECH at any time, in GEROTECH's sole discretion, doubts CUSTOMER's ability to pay for ordered goods consistent with these Terms, GEROTECH may ship the goods C.O.D. In the event of any default by CUSTOMER under these Terms, GEROTECH may decline, in its sole discretion to make further shipments of goods to CUSTOMER without in any way affecting GEROTECH's rights under these Terms. If, despite any default by CUSTOMER, GEROTECH elects to continue to make shipments of goods, GEROTECH's actions shall not constitute a waiver of any default by CUSTOMER or in any way affect GEROTECH's remedies for such default under these Terms or otherwise.

16. **INTELLECTUAL PROPERTY:** All intellectual property rights, including copyrights, patents, patent disclosures and inventions (whether patentable or not), trademarks, service marks, trade secrets, know-how and other confidential information, trade dress, trade names, logos, brand names, corporate names, and domain names, together with all of the goodwill associated therewith, derivative works and all other rights, in each case whether registered or unregistered including all registrations and applications for, and renewals or extensions of, these rights and all similar or equivalent rights or forms of protection in any part of the world in and to all documents, work product, and other materials that are delivered to CUSTOMER or prepared by or on behalf of GEROTECH in the course of delivering the goods and/or providing the services shall be owned by GEROTECH.

17. **ITAR/EAR:** CUSTOMER shall be responsible for compliance with all U.S. export control laws and regulations, including the International Traffic in Arms Regulations (ITAR), 22 CFR Parts 120 through 130, and the Export Administration Regulations (EAR), 15 CFR Parts 730 through 799, in connection with these Terms and the purchase of goods and/or services. Unless otherwise granted an exemption, CUSTOMER shall be responsible for obtaining the appropriate licenses or other approvals, if required, for exports of hardware, technical data, and software, or for the provision of technical assistance. CUSTOMER shall be responsible for obtaining export licenses, if required, before utilizing foreign persons in connection with these Terms and the purchase of the goods and/or services. CUSTOMER shall be responsible for all regulatory record keeping requirements associated with the use of licenses and license exemptions/exceptions.

18. **WAIVER:** Neither the failure nor delay of any party in exercising any right, power or privilege under these Terms or the documents referred to in these Terms will operate as a waiver of such right, power or privilege, and no single or partial exercise of any such right, power or privilege will preclude any other or further exercise of such right, power or privilege. No waiver of any of the provisions of these Terms is effective unless explicitly set forth in writing and signed by the party so waiving.

19. **ENTIRE AGREEMENT:** The provisions of these Terms, including any purchase and security agreement entered into in connection herewith, constitute the entire agreement of the parties and any terms, either oral or written, not specified herein shall not be binding. Additions to or modifications of these Terms shall not be binding on GEROTECH unless made in writing and signed by a duly authorized officer of GEROTECH.

20. **SUCCESSORS:** All terms and conditions set forth in these Terms are and shall be binding upon and inure to the benefit of the parties hereto and on each of their successors and assigns. CUSTOMER shall not assign any of its rights or delegate any of its obligations under these Terms without the prior written consent of GEROTECH. Any purported assignment or delegation in violation of this section is null and void. No permitted assignment or delegation relieves CUSTOMER of any of its obligations under these Terms.

21. **FORCE MAJEURE:** GEROTECH shall not be liable or responsible to CUSTOMER, nor be deemed to have defaulted or breached these Terms, for any failure or delay in fulfilling or performing any term of these Terms when and to the extent such failure or delay is caused by or results from acts or circumstances beyond the reasonable control of GEROTECH, including, without limitation, acts of God, flood, fire, earthquake, explosion, governmental actions, war, invasion or hostilities (whether war is declared or not), terrorist threats or acts, riot, or other civil unrest, national emergency, revolution, insurrection, epidemic, pandemic (including COVID-19 and any variants), lock-outs, strikes or other labor disputes, failure of suppliers to satisfactorily meet delivery requirements, restraints or delays affecting carriers, inability or delay in obtaining supplies, goods, or materials, or telecommunication breakdown or power outage.

22. **GOVERNING LAW; JURISDICTION:** All matters arising out of or relating to these TERMS are governed by and shall be construed in accordance with the internal laws of the State of Michigan, without giving effect to any choice or conflict of law provision or rule (whether of the state where the goods were delivered or the services were rendered or any other jurisdiction) that would cause the application of the laws of any jurisdiction other than those of the State of Michigan. Any legal suit, action, or proceeding arising out of or relating to these Terms, the goods, or the services shall be instituted only in the United States District Court for the Eastern District of Michigan or, if such court does not have subject matter jurisdiction, the courts of the State of Michigan sitting in Wayne County, Michigan, and any appellate court from any thereof. CUSTOMER irrevocably submits to the exclusive jurisdiction of such courts in any such suit, action, or proceeding.

23. **WAIVER OF JURY TRIAL:** CUSTOMER ACKNOWLEDGES AND AGREES THAT ANY CONTROVERSY THAT MAY ARISE UNDER THESE TERMS IS LIKELY TO INVOLVE COMPLICATED AND DIFFICULT ISSUES AND, THEREFORE, TO THE FULLEST EXTENT PERMITTED BY LAW, CUSTOMER IRREVOCABLY AND UNCONDITIONALLY WAIVES ANY RIGHT CUSTOMER MAY HAVE TO A TRIAL BY JURY IN RESPECT OF ANY LEGAL ACTION ARISING OUT OF OR RELATING TO THESE TERMS OR THE GOODS OR SERVICES.

24. **AMENDMENT:** These Terms may be unilaterally amended or modified by GEROTECH at any time. Any such amended or modified version of these Terms shall become effective for all orders placed after the date such Terms are amended or modified.

New Business

Item VI-I: Purity Cylinder Purchase - Morey Tech Center Renovation

Presenter: Shawn Troy

Board Consideration: Action

President's Recommendation:

Motion to approve.

Dean of Workforce & Career Education, Shawn Troy, will present the purchase through Purity Cylinder to support the expansion of the welding lab as part of the Morey Tech Center renovation project for approval.



QUOTE
OFFICE COPY
PURITY CYLINDER GASES INC.
SINCE 1938

ISO 9001:2015 Certified QMS
www.puritygas.com Federal ID No. 38-0947004

ANGOLA, IN	(260) 665-7241	LANSING, MI	(517) 321-9555
BATTLE CREEK, MI	(269) 660-1907	MT PLEASANT, MI	(989) 775-0898
CADILLAC, MI	(231) 779-2468	MUSKEGON, MI	(231) 773-2510
ELKHART, IN	(574) 389-8760	PIERCETON, IN	(574) 594-2551
FT WAYNE, IN	(260) 497-7565	SAGINAW, MI	(989) 755-4344
GAYLORD, MI	(989) 731-1111	TRAVERSE CITY, MI	(231) 922-0851
GRAND RAPIDS, MI	(616) 532-2375	WARSAW, IN	(574) 267-6066
HOLLAND, MI	(616) 848-7650	WIXOM, MI	(248) 230-8468
KALAMAZOO, MI	(269) 344-0518		

SOLD TO
MID MICHIGAN COMMUNITY COLLEGE
1375 S CLARE AVE
HARRISON MI 48625

Customer 95100

SHIP TO
MID MICHIGAN COMMUNITY COLLEGE
1375 S CLARE AVE

Order 0004540658-00

HARRISON MI 48625
989-386-6610

Order Date 09/17/24

Page 001 OF 001

Name MID MICHIGAN COMMUNITY COLLEGE				Territory 000000		Ship Via COMMON CARR		Initials DO				
Tel # Phone 989-386-6610				Salesperson 000610		Other Zone 00 UPS Zone 0		Order Type QTE				
PO #				Branch 000006		COL/PPD PREPAID		Route				
Sales P/O#				Status		Ship Date		Date/Time 18-SEP-24 04:10PM				
								Username dobrien				
QTY HIPIPED	UOM	H M	ID NUMBER	DESCRIPTION HAZARD CLASS	LINE NO.	ITEM NUMBER	QTY ORDERED	QTY BKORD	BIN LOC	WEIGHT	UNIT AMOUNT	EXTENDED AMOUNT
			*****	QUOTE *****								
			Quote	Expiration Date: 09/24/24								
			** Location: 6 **									
5	EA			*Clean Air America 31101-5-5	1	PCG ASPECIAL	5	0		18719.148		93595.74
				Dual Weld Station								
10	EA			*Clean Air America 38044	2	PCG ASPECIAL	10	0		468.0851		4680.85
				Welding Curtain								
1	EA			FREIGHT CHARGE	3	PCG FREIGHT	1	0		5478.6000		5478.60
				CLEAN AIR AMERICA REQUIRES 50% DOWN UPON ORDERING AND 50% BEFORE SHIPPING.								
				CHECK OUT OUR NEW WEBSTORE AT								
				SHOP.PURITYGAS.COM								
										Subtotal		103755.19
										Tax		.00
										Total Sale		103755.19

HIS IS TO CERTIFY THAT THE HEREIN NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED AND ARE IN PROPER CONDITION OR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION. CYLINDERS ARE THE PROPERTY OF AND MUST BE REFILLED ONLY BY THE SELLER AND SHALL NOT BE USED TO RESELL THE CONTENTS THEREOF WITHOUT WRITTEN PERMISSION OF THE SELLER. THE BUYER SHALL PAY PROMPTLY ON DEMAND TO THE SELLER AT THE SELLER'S CURRENT LIST PRICES FOR LOSS OR DAMAGE TO ANY CYLINDER OR FITTINGS RESULTING FROM ANY CAUSE WHILE IN THE CONTROL OR POSSESSION OF THE BUYER. CYLINDERS ARE LOANED TO THE BUYER BY THE SELLER AND IN CONSIDERATION WHEREOF BUYER AGREES TO RETURN EACH CYLINDER TO THE SELLER PROMPTLY WHEN EMPTY, AND IN ANY EVENT WITHIN NINETY DAYS AFTER DELIVERY TO BUYER, AND AS FURTHER CONSIDERATION FOR SUCH LOAN OF CYLINDERS, BUYER AGREES TO PAY MONTHLY RENTAL OR EMURRAGE FOR THE USE OF SUCH CYLINDERS AT SELLER'S CURRENT RATES.

RECEIVED BY

PRINT NAME

EMERGENCY CONTACT - CHEMTREC 1-800-424-9300



QUOTE

Thank you for placing your order! Your order is our top priority.

Order Summary

Customer Number: 95100 **P/O Number:** .

Order Number: 0004541458 **Payment Method:** On account **Terms:** NET 30

Shipping Information: **Order Date:** 09-18-2024 **Expiration date:** 09-25-2024
MID MICHIGAN COMMUNITY COLLEGE
1375 S CLARE AVE

Shipping Method: HARRISON MI 48625 **Salesperson:** 000610
SALESMAN DON OBRIEN

Ordered Items

Item	Description	Quantity Ordered	Quantity Shipped	UOM	Price	Extended Price
ARL T	OUTRIGHT PURCHASE	6	6	EACH	\$425.0000	\$2550.00
AR T	ARGON	2	2	CYL	\$34.1956	\$68.39
AR C10 T	90% ARGON / 10% CO2	4	4	CYL	\$39.7288	\$158.92

Subtotal: \$2777.31
Tax: \$0.00
Del Charge: \$0.00
Freight: \$0.00
Other: \$0.00
Grand Total: \$2777.31



QUOTE

Thank you for placing your order! Your order is our top priority.

Order Summary

Customer Number: 95100	P/O Number: .	
Order Number: 0004540701	Payment Method: On account	Terms: NET 30
Shipping Information: MID MICHIGAN COMMUNITY COLLEGE 1375 S CLARE AVE HARRISON MI 48625	Order Date: 09-18-2024	Expiration date: 09-25-2024
Shipping Method: SALESMAN	Salesperson: 000610 DON OBRIEN	

Ordered Items

Item	Description	Quantity Ordered	Quantity Shipped	UOM	Price	Extended Price
MIL 907818	DYNASTY 300 (AUTO-LINE 208-600)	20	20	EA	\$7308.1800	\$146163.60
MIL 301589	WIRED FOOT CONTROL, HEAVY DUTY,	20	20	EA	\$508.8100	\$10176.20
MIL 195378	ADAPTER, GAS, TORCH-INTNL	20	20	EA	\$64.4667	\$1289.33
CKW CK17-12-R RG	TORCH PKG 150A 12-1/2' 1PC RG XR	20	20	EA	\$76.3529	\$1527.06
PFX RF1430-580-KIT	ARGON REGULATOR/FLOWMETER W/HOSE	20	20	EA	\$51.7059	\$1034.12
KLM 640065.01.001	WC 1/0 988B TOUGHFLEX BLACK 250'	360	360	FT	\$2.7074	\$974.66
ESB 95201104	POWER CABLE LUG T62	20	20	PC	\$2.1529	\$43.06
WEM EG300	CLAMP, GROUND 300 AMP STEEL JAW	20	20	EA	\$9.2197	\$184.39
WEM M200	HOLDER, ELECTRODE 200/250 AMP	20	20	EA	\$23.1305	\$462.61
ABOVE ITEMS MAKE UP THE DYNASTY TIG PACKAGE COMPLETE GROUNDS ARE TO BE 10FT LONG AND STINGERS ARE TO BE 8FT LONG						
MIL 951926	PKG,MILLERMATIC 355 W/EZ-LATCH R	3	3	EA	\$6191.4300	\$18574.29
MIL 951927	PKG,MILLERMATIC 355 W/XR-A ALUMA	1	1	EA	\$8204.0700	\$8204.07
LIN K4467-1	POWER MIG 360 MP	3	3	EA	\$6607.7800	\$19823.34
LIN K4662-1	POWER MIG 360MP ALUMINUM ONE PAK	1	1	EA	\$9742.6500	\$9742.65

Subtotal:	\$218199.38
Tax:	\$0.00
Del Charge:	\$0.00
Freight:	\$0.00
Other:	\$0.00
Grand Total:	\$218199.38

New Business

Item VI-J: Advanced Technologies Purchase - Morey Tech Center Renovation

Presenter: Shawn Troy

Board Consideration: Action

President's Recommendation:

Motion to approve.

Dean of Workforce & Career Education, Shawn Troy, will present the purchase of Festo NC3 Level 1 and Level 2 robots and mill through Advanced Technologies to support the addition of the Advanced Integrated Manufacturing curricula as part of the Morey Tech Center renovation project for approval.



**advanced
technologies**
consultants

Prices valid for 60 days

44800 Helm St. | P.O. Box 703328
Plymouth, MI 48170
800-348-8447 | www.atctrain.com

Presented to:



Shawn Troy
Mid Michigan College-Mt Pleasant
2600 S Summerton
Mount Pleasant, MI 48858
stroy@midmich.edu

9/16/2024

Andrew Close
760 818 5336

AndyClose@atctrain.com

<i>Terms</i>	<i>Project</i>	<i>Delivery</i>	<i>FOB Point</i>
Net 30	Festo NC3 Level 1	est. 120 Days ARO	Festo

<i>Item#</i>	<i>Description</i>	<i>Part#</i>	<i>Sub-Total</i>
1	Fluid Power (Pneumatics and Hydraulics)		\$150,984.00
2	PLC (PLC and Sensors) - Rockwell automation		\$103,424.00
3	PLC (PLC and Sensors) - Siemens		0.00
4	Robotics		0.00
5	Mechanical Systems		\$77,925.00
6	Electricity (DC and AC)		\$43,363.00
7	Introduction to Industry 4.0		\$0.00
8	Sensors		\$41,387.00
9	MecLab® System (Fundamental Add-on)		\$50,415.00

Grand Total	\$467,498.00
--------------------	---------------------



**advanced
technologies**
consultants

Prices valid for 60 days

44800 Helm St. | P.O. Box 703328
Plymouth, MI 48170
800-348-8447 | www.atctrain.com



Shawn Troy
Mid Michigan College-Mt. Pleasant
2600 S. Summerton
Mount Pleasant, MI 48858
stroy@midmich.edu

9/16/2024
Andrew Close
760 818 5336
AndyClose@atctrain.com

<i>Terms</i>	<i>Project</i>	<i>Delivery</i>	<i>FOB Point</i>
Net 30	Festo NC3 Level 2	est. 120 Days ARO	Festo

<i>Item#</i>	<i>Description</i>	<i>Part#</i>	<i>Sub-Total</i>
1	Fluid Power (Pneumatics and Hydraulics)		\$29,919.00
2	PLC (PLC and Sensors)		\$26,699.00
3	Robotics (Fanuc)		\$282,147.00
4	Robotics (UR)		0.00
5	Mechanical Systems		\$45,969.00
6	Introduction to Industry 4.0		\$0.00
7	Motor Control Trainer (Portable)		0.00
8	Industrial Motor Controls		\$29,437.00
Grand Total			\$414,171.00



**advanced
technologies**
consultants

Prices valid for 60 days

44800 Helm St. | P.O. Box 703328

Plymouth, MI 48170

800-348-8447 | www.atctrain.com

Mid Michigan College
2600 S Summerton Rd
Mount Pleasant, MI 48858
stroy@midmich.edu

9/17/2024
Andrew Close
760 818 5336
AndyClose@atctrain.com

Consultant		Terms	Delivery	FOB Point	
		Net 30 Days	90-120 Days ARO	Destination	
v.5/8/2024					
Item#	Qty	Description	Part#	Unit Cost	Extended
		Machine:			
1		EMCO CONCEPT MILL 55	F1FP01K	\$25,500.00	
		PC-controlled 3-axis milling machine for basic CNC training with various industrial control systems. Machine complete with fully enclosed working area, safety units according CE, stepless adjustable main drive, automatic movement to the reference position, electrical and mechanical preparation for automation, connection cable for PC-machine, disk with machine data, Machine lamp, tool set for operating, operating instruction manual with spare parts list.			
2	1	EMCO CONCEPT MILL 55 with tool turret	F1FP02K	\$30,500.00	\$30,500.00
		PC-controlled 3-axis milling machine for basic CNC training with various industrial control systems. Machine complete with fully enclosed working area, safety units according CE, stepless adjustable main drive, automatic movement to the reference position, electrical and mechanical preparation for automation, connection cable for PC-machine, disk with machine data, Machine lamp. 8-station tool turret with electrical/ mechanical pick-up system with blow out facility. tool set for operation, operation instruction manual with spare parts list.			
3	1	Power supply cable UL	A4Z050	\$18.00	\$18.00
		Keyboard:			
4	1	Easy2Operate	X9C000	\$1,564.00	\$1,564.00
		Machine Software:			
5	1	WinNC for Fanuc 31i	X3Y360	\$3,004.00	\$3,004.00
		Machine Base:			
6	1	Machine Base including: drawer for tools and other	A7Z210K	\$2,142.00	\$2,142.00
7	1	Cover sheet for machine base	A6Z670	\$271.00	\$271.00
8	1	Swivel table	A7Z430K	\$1,020.00	\$1,020.00
9	1	"Tool Package ""BASIC"" , includes:	F1Z980	\$795.00	\$795.00

10	1	Machine description CM55 English	EN2055	\$369.00	\$369.00
		Training & Installation:			
11	1	1 Day Installation and Training		\$4,000.00	\$4,000.00
12		Second Day Additional Day Training		\$2,000.00	
13	1	Integration from Robot to CNC		\$7,500.00	\$7,500.00
				Sub-Total	\$51,183.00
				*Shipping	\$6,590.00
				Grand Total	\$57,773.00

* Freight & Customs and Duties

New Business

Item VI-K: Stratasys Purchase - Morey Tech Center Renovation

Presenter: Shawn Troy

Board Consideration: Action

President's Recommendation:

Motion to approve.

Dean of Workforce & Career Education, Shawn Troy, will present on the purchase of 3D printers through Stratasys to upgrade the CAD facilities as part of the Morey Tech Center renovation project for approval.

Stratasys F123 Series

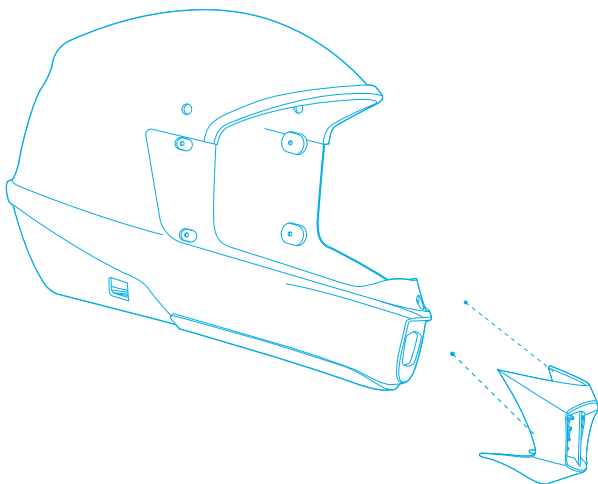
Reliable. Repeatable. Exceptional.



3
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1
E

Precision 3D printing. Easy as F123.

**More reliable, more affordable,
more productive rapid prototyping
and manufacturing than ever before.**



More speed. More productivity.

F123 Series 3D printers give designers, engineers and educators access to affordable, industrial-grade 3D printing. Work faster through concept iterations and component verification. Make jigs, fixtures and manufacturing tools faster, with strong, stiff materials. Increase productivity and reach your goals sooner with repeatable results.



Smoother workflow. Greater accuracy.

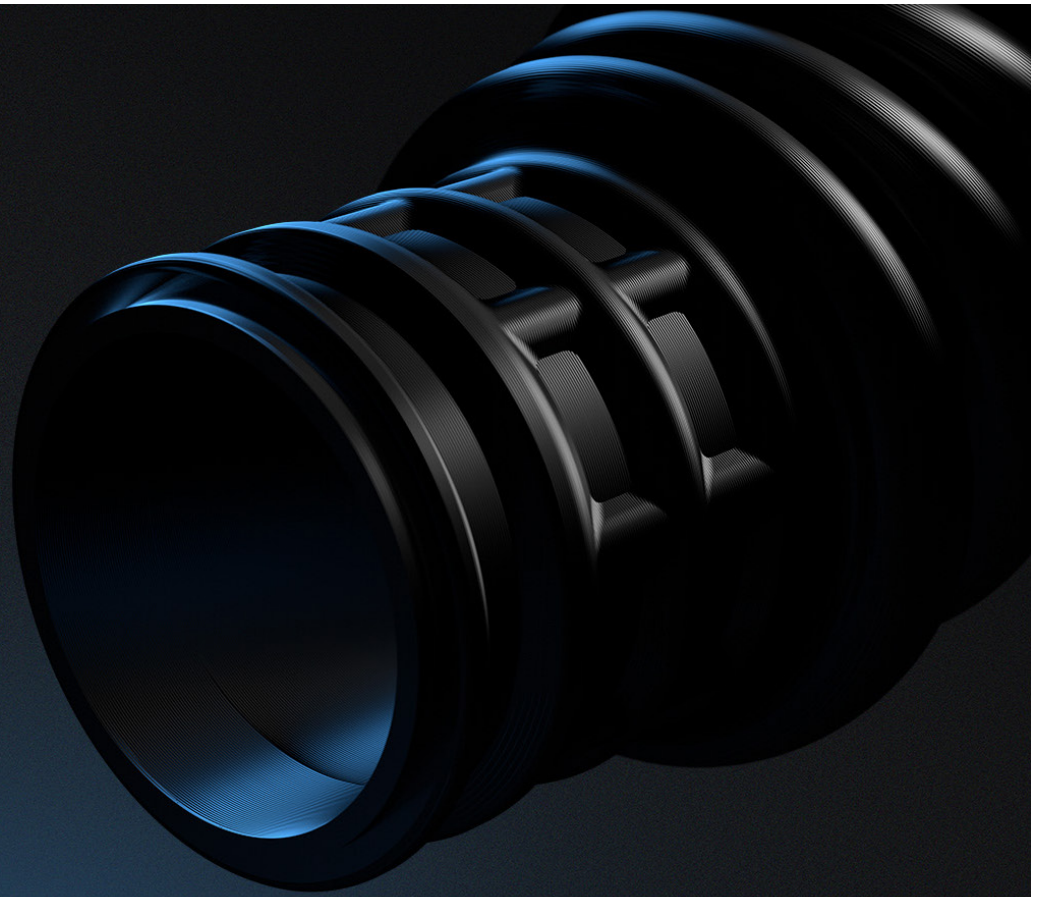
F123 3D printers are designed for supreme ease of use and a more streamlined workflow, operating seamlessly with GrabCAD Print™ software. Execute complete control over native features such as surfaces, holes, and bodies. You can also apply varying levels of strength to different regions of the file, resulting in optimized FDM parts.

The upgraded version of the standard software, GrabCAD Print Pro™, is inclusive of advanced features that boost traceability and repeatability while decreasing overall costs.



Elastomer

Print large, complex elastomer parts with the F170™ and F370™ printers.



More choices. More possibilities.

From the affordable F170™ to the versatile F370, the choices available with F123 Series printers are unmatched. Work with a wide range of materials including carbon fiber ABS and elastomer. Achieve complex geometries and interlocking components with our unique soluble support material.

However intricate the part, the soluble support dissolves to leave a pristine finish, requiring no hands-on removal.



30 years of expertise.
100,000 hours of testing.
Only one F123 Series.

For companies and schools new to 3D printing and established users alike, Stratasys F123 3D printers are the game-changing choice, with the highest levels of plug-and-print reliability and repeatable accuracy.



Want to know more?
View the full specifications of our F123 Series
below or contact us for a recommendation on
the right system for you at [Stratasys.com](https://stratasys.com).



PRODUCT SPECIFICATIONS

System Size and Weight	F170, F370: 1,626 x 864 x 711 mm (64 x 34 x 28 in.), 227 kg (500 lbs) with consumables				
Noise Specification	46 dB maximum during build, 35 dB when idle				
Layer Thickness		0.330mm (0.013 in.)	0.254mm (0.010 in.)	0.178mm (0.007 in.)	0.127mm (0.005 in.) ¹
	PLA	○	●	○	○
	ABS-M30	●	●	●	●
	ABS-CF10	●	●	●	○
	ASA	●	●	●	●
	PC-ABS	●	●	●	●
	ABS-ESD7™	○	●	●	○
	Diran™ 410MF07	●	●	●	○
	FDM™ TPU 92A	○	●	●	○
Accuracy ¹	Parts are produced within an accuracy of +/- .200 mm (.008 in), or +/- .002 mm/mm (.002 in/in), whichever is greater.				
Network Connectivity	Wired: TCP/IP protocols at 100 Mbps minimum 100 base T, Ethernet protocol, RJ45 connector Wireless-ready: IEEE 802.11n, g, or b; Authentication: WPA2-PSK, 802.1x EAP; Encryption: CCMP, TKIP				
System Requirements	Windows 7, 8, 8.1 and 10 (64 bit only) with a minimum of 4GB RAM (8 GB or more recommended)				
Operating Environment	Operating: Temperature: 59 – 86 °F (15 – 30 °C), Humidity: 30 – 70% RH Storage: Temperature: 32 – 95 °F (0 – 35 °C), Humidity: 20 – 90% RH				
Power Requirements	100–132V/15A or 200 – 240V/7A. 50/60 Hz				
Regulatory Compliance	CE (low-voltage and EMC directive), FCC, EAC, cTUVus, FCC, KC, RoHs, WEEE, Reach				

	F170	F370
Available material	PLA ² , ABS-M30, ABS-CF10, ASA, TPU 92A, QSR Support material	PLA ² , ABS-ESD7, ABS-M30, ABS-CF10, ASA, Diran 410MF07 ² , FDM TPU 92A, PC-ABS, QSR Support material
Build tray dimension	254 x 254 x 254 mm (10 x 10 x 10 in.)	355 x 254 x 355 mm (14 x 10 x 14 in.)
Material Bays	2 total 1 model / 1 support	4 total 2 model / 2 support
Software	GrabCAD Print, GrabCAD Print Pro	GrabCAD Print, GrabCAD Print Pro Insight™

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ISO 9001:2015 Certified

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¹ Accuracy is geometry-dependent. Achievable accuracy specification derived from statistical data at 95% dimensional yield. Z part accuracy includes an additional tolerance of -.000/+slice height.

² PLA and Diran 410MF07 do not utilize soluble support material. The supports are made of breakaway PLA.



Augment Machining With Composite 3D Printing

**F190™CR and
F370®CR FDM®
Composite Printers**

Supplement your fixture and part fabrication with FDM composite 3D printing to gain speed, throughput, and cost benefits.





Meet deadlines and stay on budget with **high-strength composite printing.**

Make workholding fixtures, soft jaws, and component parts with composite 3D printing in a fraction of the time and cost it takes to machine a metal equivalent. F123CR printers supplement traditional fabrication technologies, allowing industrial manufacturers to replace metal components with high-strength 3D printed composite parts. This accelerates throughput while avoiding the opportunity cost of using production resources or the lead time of outsourcing.

F123CR printers use ABS-CF10 and FDM® Nylon-CF10 composite materials, both reinforced with chopped carbon fiber, 10% by weight for strength and stiffness. F123CR soluble support material enables complex designs that cannot be made with conventional machining or other 3D printers that don't have this capability. Four layer resolutions give you flexibility on part quality and print speed. Variable part density gives you the freedom to make fully-dense, solid parts or adjust the infill to save weight and material use.

Protect your production schedule with unmatched uptime.

F123CR composite printers are built on the same platform as the proven F123 Series, with a verified 99% uptime and a 99% dimensional repeatability performance.* Material tuning – optimizing print parameters using over 220 measurements – ensures consistent material performance across all resolutions and successful print results.

Built-in durability starts with hardened components and print heads to ensure longevity using abrasive composite materials. Sealed filament bays reduce material moisture exposure to maintain stable material mechanical properties, so printed parts meet strength specifications. A fully heated build chamber enables higher strength between layers than other printers in this class that use only a heated build platen.

Together, these features offer unmatched reliability in an additive manufacturing system, with repeatable performance, print after print.

* Stratasys 2020 Repeatability and Reliability study for F370, Fortus 450mc and F900 printers.



Simple setup and unattended operation.

You don't need special training or highly skilled technicians to operate F123CR printers. Job setup simply involves importing the part's CAD file using GrabCAD Print™ software and initiating the print. The printer requires no further oversight until the job is done.

GrabCAD Print software provides a simple and intuitive CAD-to-print workflow and includes advanced features to ensure successful prints. For users who want deeper control of print options, Insight™ software is also included on the F370CR. MTConnect capabilities make it easy to integrate the printers into a connected factory floor. This industry-standard communication API lets you collect, analyze and display machine data in a useful way.

Features that add to efficient and easy operation include printing in multiple resolutions from a single print head, avoiding print head changes. In addition, the F370CR includes an auto-changeover feature, so you won't have to interrupt a build to refill material. When a refill is needed, it's as easy as dropping the canister in place and inserting the filament into the feed slot. The printer takes it from there. Print head changes, if needed, involve only a quick snap-out/snap-in step.

Other convenience features include reusable build trays, a built-in camera for remote monitoring, and a 7-inch control touchscreen. F123CR printers are also easy to move since they roll on casters and power is supplied from standard wall outlets.

Application versatility enhanced by open materials.

F123CR printers offer application versatility by operating with a range of thermoplastic materials. In addition to high-strength composites, F123CR printers give you the flexibility to print with other engineering thermoplastics to cover more use cases. This multi-material capability offers the convenience of printing different jobs in different materials. There's no need for separate printers dedicated to composite and non-composite materials.

An open material platform enhances versatility even further by allowing you to expand your application space with new materials you develop or ones developed in partnership between Stratasys and a third party. The Stratasys open material ecosystem includes validated materials that have received basic reliability testing, and materials created outside the Stratasys material development process.

Keep your options open. With F123CR printers, you buy one printer but get the versatility of multiple materials, including soluble support, which offers the freedom to print any geometry without restriction.

Unparalleled support, **when you need it.**

Stratasys invented FDM Technology, and we've been perfecting it for over 30 years. Our technicians and application engineers know how to maximize your printer investment and address problems when they occur.

When you need help, our worldwide support staff is here to assist, from professional installations to application guidance to on-site troubleshooting. Whether optimizing your print results, solving a problem, or providing training, Stratasys service and support have the experience and global reach to keep you operational.

To learn more about the Stratasys F190CR / F370CR printers, or to speak with a Stratasys representative, contact us at [Stratasys.com/contact](https://www.stratasys.com/contact) or call 1-800-801-6491.



System Specifications

F190CR and F370CR Printer and Material Specifications	
System Size/Weight	1626 x 864 x 711 mm (64 x 34 x 28 in.) 500 lbs (227 Kg)
Build Tray Dimensions	F190CR: 305 mm x 254 mm x 305 mm (12 x 10 x 12 in.) F370CR: 355 mm x 254 mm x 355 mm (14 x 10 x 14 in.)
Material Delivery	F190CR: 2 material spool bays, 1 for model, 1 for support located in a drawer on the front of the unit F370CR: 4 material spool bays, 2 for model, 2 for support located in a drawer on the front of the unit
Achievable Accuracy	Parts are produced within an accuracy of +/- .200 mm (.008 in.), or +/- .002 mm/mm (.002 in./in.), whichever is greater.
Network Connectivity	Wired: TCP/IP protocols at 100 Mbps minimum 100 base T, Ethernet protocol, RJ45 connector Wireless-ready: IEEE 802.11n, g, or b; Authentication: WPA2-PSK, 802.1x EAP Encryption: CCMP, TKIP
Operator Attendance	Limited attendance for job start and stop required
Software	F190CR: GrabCAD Print software F370CR: GrabCAD Print and Insight software
Operating Environment	Operating: Temperature: 15 – 30 °C (59 – 86 °F), Humidity: 30 – 70% RH Storage: Temperature: 0 – 35 °C (32 – 95 °F), Humidity: 20 – 90% RH
Power Requirements	100-132V/15A or 200-240V/7A. 50/60 Hz
Regulatory Compliance	CE (low-voltage and EMC directive), FCC, EAC, cTUVus, FCC, KC, RoHs, WEEE, Reach, RCM
Operating System	Windows 10 (64-bit only) and Window 11 with a minimum of 4GB RAM (8GB or more recommended)

Materials	
Printer	Model Material
F190CR	ABS-M30, ASA, FDM® TPU 92A, ABS-CF10, FDM® Nylon-CF10, QSR Soluble Support
F370CR	ABS-M30, ASA, FDM TPU 92A, ABS-ESD7™, PC-ABS™, Diran™ 410MF07, ABS-CF10, FDM Nylon-CF10, QSR Soluble Support, SUP400B Breakaway Support

Layer Thickness				
Material	0.013 in. (0.330 mm)	0.010 in. (0.254 mm)	0.007 in. (0.178 mm)	0.005 in. (0.127 mm)
ABS-M30	●	●	●	●
ASA	●	●	●	●
PC-ABS	●	●	●	●
ABS-ESD7		●		
Diran 410MF07	●	●	●	
FDM TPU 92A		●	●	
ABS-CF10 ¹	●	●	●	
FDM Nylon-CF10 ²	●	●	●	

¹ Hardened print head is recommended for extended head life but will also operate using standard F123 and ABS-CF10 print heads.

² Dedicated FDM Nylon-CF10 hardened print head required.

Ready to transform your manufacturing?

Learn more about FDM 3D printers at
Stratasys.com.



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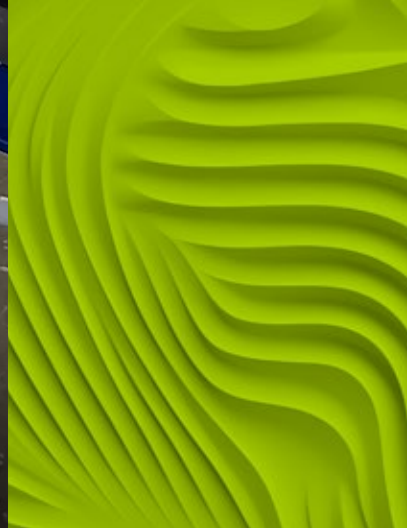




Fortus 450mc

Increase manufacturing efficiency
with the Fortus 450mc™ 3D printer.

Additive manufacturing with the Fortus 450mc lets you minimize cost, increase uptime and improve quality on your factory floor. It delivers these capabilities through an open-material ecosystem, data security, and proven accuracy and reliability.





Built for Streamlined Manufacturing

Built for streamlined manufacturing.

To help you get to market faster, the Fortus 450mc 3D printer provides a multi-application manufacturing solution that reduces design and build times, optimizes manufacturing workflows, decreases overall costs and promotes factory innovation.

Capacity for complex parts.

Produce custom tools, prototypes and low-volume parts with complex geometries in days versus weeks, without sacrificing quality. The Fortus 450mc's generously-sized build platform provides capabilities to meet industrial application needs while its hands-free, soluble support materials aid in creating complex geometries as well as reducing labor.

An open-material system for many applications.

From standard to high-performance, the Fortus 450mc features a large portfolio of materials. Three material tiers – Stratasys Preferred, Stratasys Validated, and open materials – offer a range of capabilities to support a broad number of applications. Carbon-fiber provides the strength and stiffness for strong but lightweight tools, functional prototypes and end-use parts. High-strength, chemical- and fire-resistant materials enable applications in the transportation and oil and gas industries.

Industry-leading performance.

Near-Isotropic Parts

Fortus 450mc parts exhibit more than 80% strength in the vertical (ZX) plane compared with in-plane (XZ) performance for certain materials.^{1 2} This gives you greater flexibility to orient the part in the build chamber for optimal print results while achieving more consistent mechanical properties throughout the part.

High-Strength Material Capability

Stratasys FDM technology is the standard in carbon

fiber printing for tools and end-use parts that demand high strength and stiffness. FDM Nylon 12CF (carbon fiber) printed on the Fortus 450mc offers superior mechanical properties, with an ultimate tensile strength exceeding 10,000 psi. And with a measured production variance of less than 4%, the Fortus 450mc delivers these properties print after print.¹

Unmatched Consistency

The Fortus 450mc provides unequalled consistency when it comes to part properties. Tests on the ultimate tensile strength of ASA material across multiple Fortus 450mc printers in all areas of the build platform demonstrate a variance of less than 6%. Combined with a 93% print success rate, you get consistent, repeatable results coupled with maximum yield.¹

Unwavering Precision

Along with repeatable print results, the Fortus 450mc produces parts with a high degree of dimensional accuracy and precision. This has been demonstrated by tests performed on multiple printers and numerous builds over months of print operations.¹ When you need reliable print performance that meets your tolerance specifications, the Fortus 450mc delivers.

Smart-factory integration.

Companies embracing Industry 4.0 concepts of automation, on-demand manufacturing and data safeguards need connected 3D printing solutions that securely integrate with their smart factory infrastructure.

The Fortus 450mc uses Stratasys ProtectAM™ technology to provide a variety of secure connectivity solutions, including STIG compliance that satisfies U.S. government DOD requirements.

¹ Stratasys 2020 Repeatability and Reliability study for F370, Fortus 450mc and F900 printers.

² Results are based on tests using ASA material. Test coupons were printed on multiple printers across the build platen. High-performance thermoplastics like FDM Nylon 12CF and ULTEM™ resins provide a lower (approximately 50%) Z-strength in comparison to XZ due to factors such as carbon fiber alignment and thermal bonding.



Meet industry demands.

Tackle applications that require tight tolerances, toughness and environmental stability as well as specialized properties like V-0 flammability or FST ratings. The Fortus 450mc is also compatible with GrabCAD® Streamline Pro™ work order management software and other Software Partner solutions to help manage the full 3D printing workflow. The Fortus 450mc uses production-grade thermoplastics to build strong, durable and dimensionally stable parts suitable for demanding applications in aerospace, automotive, rail, military, industrial equipment and consumer products.



Simplify your factory workflow.

In order to optimize FDM parts, the Fortus 450mc is inclusive of GrabCAD Print™ (with an optional upgrade to GrabCAD Print Pro™) and Insight™ software. GrabCAD Print offers an advanced 3D slicer software as well as geometry-targeted tools. This enables you to minimize weight and material without sacrificing part strength. GrabCAD Print supports changes that can be made directly to inserts and self-supporting holes.

The upgraded version of the standard software, GrabCAD Print Pro, is a comprehensive solution which includes labeling for traceability, automation, templates, part cost estimation, a sustainability calculator, and automatic model correct. This is ideal for high-performance end-use parts or prototypes used in process-controlled environments.

With Insight, you can fine-tune part performance and material use for greater cost efficiency. The Fortus 450mc also features an intuitive touchscreen interface that requires little to no training to navigate.

OpenAM

OpenAM™ software lets users alter print parameters to optimize material capabilities and print results. This allows you to tailor a material's performance to meet specific application needs or part properties.

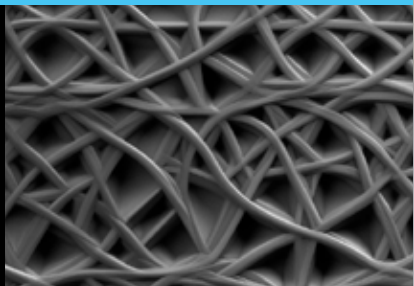
OpenAM works with all three Stratasys material tiers. You can develop your own unique materials or optimize a Stratasys Preferred or Stratasys Validated material to meet your specific design requirements.

OpenAM software is accessible through a separately purchased OpenAM License.



Get global service and support.

To help eliminate production downtime, our support team offers priority service, quick response times, fast delivery of replacement parts and scheduled preventative maintenance. We also provide expert technical training, predictable maintenance expenditures for easy budgeting, and scheduled software and hardware updates — giving you access to the most recent developments.





Product Specifications

Stratasys Preferred Materials

Material	Layer Thickness				Support Structure	Available Colors	
	0.127 mm (0.005 in.)	0.178 mm (0.007 in.)	0.254 mm (0.010 in.)	0.330 mm (0.013 in.)			
ABS-ESD7™	○	●	●	○	Soluble	■ Black	
ABS-M30™	●	●	●	●	Soluble	■ Ivory ■ Black ■ Blue	□ White ■ Red ■ Dark Gray
ABS-M30i™	●	●	●	●	Soluble	■ Ivory	
Antero™ 800NA	○	○	●	○	Breakaway	■ Natural	
Antero 840CN03	○	○	●	○	Breakaway	■ Natural	
ASA	●	●	●	●	Soluble	■ Black ■ Dark Gray ■ Light Gray □ White ■ Ivory	■ Dark Blue ■ Green ■ Yellow ■ Orange ■ Red
FDM Nylon 12™	○	●	●	●	Soluble	■ Black	
FDM Nylon 12CF™	○	○	●	○	Soluble	■ Black	
PC	●	●	●	●	Breakaway, Soluble	□ White	
PC-ABS	●	●	●	●	Soluble	■ Black	
PC-ISO™	○	●	●	●	Breakaway	■ Translucent Natural	□ White
ULTEM™ 9085 resin	○	○	●	●	Breakaway	■ Tan	■ Black
ULTEM™ 1010 resin	○	○	●	●	Breakaway	■ Natural	
ST-130	○	○	○	●	Breakaway	■ Tan	

Material Options

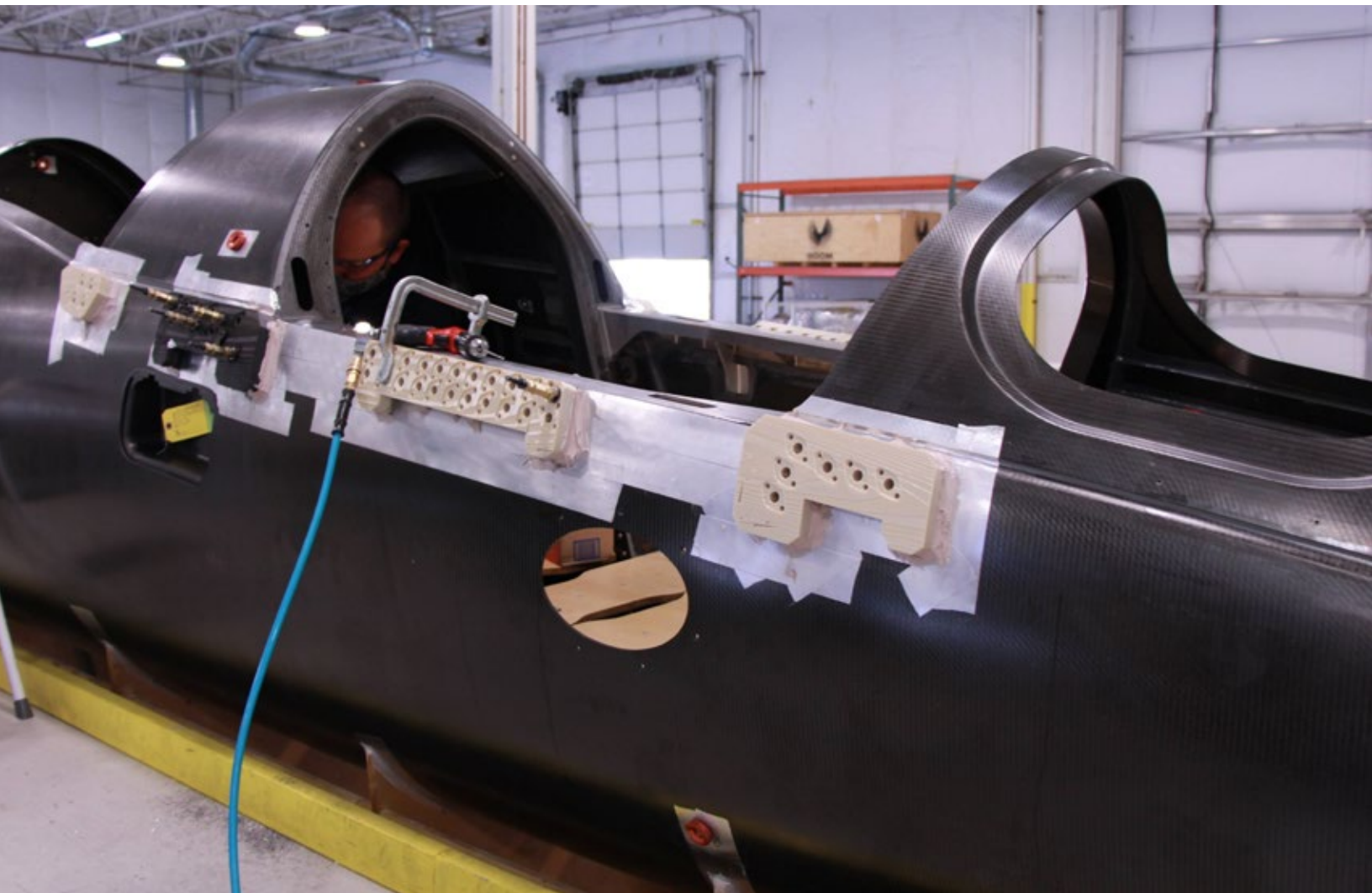
Stratasys Validated Materials

Material	Layer Thickness				Support Structure	Available Colors	
	0.127 mm (0.005 in.)	0.178 mm (0.007 in.)	0.254 mm (0.010 in.)	0.330 mm (0.013 in.)			
FDM HIPS	○	○	●	○	Breakaway	■ Light Gray	
Kimya PC-FR	○	○	●	○	Soluble	■ Light Gray	
ULTEM® 9085 Resin (colored)	○	○	●	○	Breakaway	■ Red ■ JanaWhite ■ Dream Gray	□ White 7362 ■ Gunship Gray ■ Aircraft Gray
PC	○	○	●	○	Soluble	■ Red	■ Black
PC-ABS	○	○	●	○	Soluble	■ Red	
VICTREX AM™ 200	○	○	●	○	Breakaway, Soluble	■ Natural	



Other Specifications

System Size and Weight	129.5 cm x 90.2 cm x 198.4 cm (51 x 35.5 x 78.1 in.) 601 kg (1325 lbs.)
Achievable Accuracy	Parts are produced within an accuracy of $\pm .127$ mm ($\pm .005$ in.) or $\pm .0015$ mm/mm ($\pm .0015$ in/in), whichever is greater). Z part accuracy includes an additional tolerance of $-0.000/+$ slice height. Note: Accuracy is geometry dependent. Achievable accuracy specification derived from statistical data at 95% dimensional yield.
Network Communication	10/100 base T connection. Ethernet protocol. Wired: TCP/IPv6 protocols
Operator Attendance	Limited attendance for job start and stop required.
Power Requirements	208VAC 3 phase, 50/60 Hz, consumes 18 Amps
Regulatory Compliance	CE, cTUVus, RCM, EAC, FCC Part B
Software	All Fortus systems include Insight™ and Control Center™ job processing and management software. Compatible with GrabCAD Print™ and GrabCAD Print Pro™ for use with part processing, job reports, scheduling and remote monitoring. OpenAM software is available through the purchase of an OpenAM License
Operating System	Microsoft Windows 11 (Pro, Enterprise, Education), Microsoft Windows 10 (Pro, Enterprise, Education), Microsoft Windows Server 2012 R2. Insight software requires a 64-bit operating system.





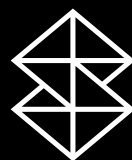
Ready to accelerate production?

Learn more about the Fortus 450mc
3D printer at [Stratasys.com](https://www.stratasys.com).



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Brochure
FDM

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Amazing Possibilities at every turn

Bring your designs to life with the Stratasys J55 Prime 3D printer

Go beyond visual printing by adding tactile, functional and sensory capabilities to your in-house design process. From fast concept models to quality high-fidelity prototypes, the office-friends Stratasys® J55™ Prime 3D printers extends maximum designer output in an affordable package.



Ideas spun to life.

From perfecting products to applying concepts learned in the classroom, the J55 Prime can help you realize any number of design ideas. The J55 Prime offers a rotating print platform for outstanding surface finish and printing quality, and features multimaterial capabilities and material configurations for both industrial and mechanical design.

Designed for consistent, stable performance, the J55 Prime requires zero mechanical calibrations and features a “ready-to-print” mode, so you can turn ideas into reality without interruption.



J55 Prime

Improving Your Productivity

Productivity at your elbow. Office, classroom, or studio environment – the J55 Prime office solution is engineered to fit seamlessly into a professional space, offering design and functional flexibility.

Compact.

The J55 Prime features the best in-class footprint to printing tray ratio on the market, which means less bulk in your office and a better yield with more options.

Odor free.

Studios, offices and classrooms are not production facilities – and shouldn't need to be. The smell free system uses a ProAero Air Extractor to effectively capture and filter out fumes, for a safe and odor free operation.

Ultra-Quiet.

The J55 Prime is ultra-quiet, operating under 53 decibels – that's about the same as a household refrigerator.

Cost effective.

The Stratasys J55 Prime makes transforming your workflow a cynch while offering multimaterial prototyping - at an accessible price.

Ease of use.

Leverage an intuitive, three-step color 3D printing workflow – design, import, and print. Simply import designs using native CAD files or 3MF file formats and send models to the J55 Prime using GrabCAD Print software.

GrabCAD Printer Connectivity

Connect your PolyJet Printers into the software systems you use to manage your production process. GrabCAD Printer Connectivity integrates Stratasys PolyJet printers with enterprise applications such as ERP, BI, and Digital Rights Management. It also enables communication with MES systems to enable automation and production data collection, in addition to analytics.

Quality.

With the J55 Prime, there's no need to compromise. Upgrade your design process with high resolution, fast prints, multi-material flexible capabilities and a full color range.





Your design cycle, simplified.

Rough: Concept Models.

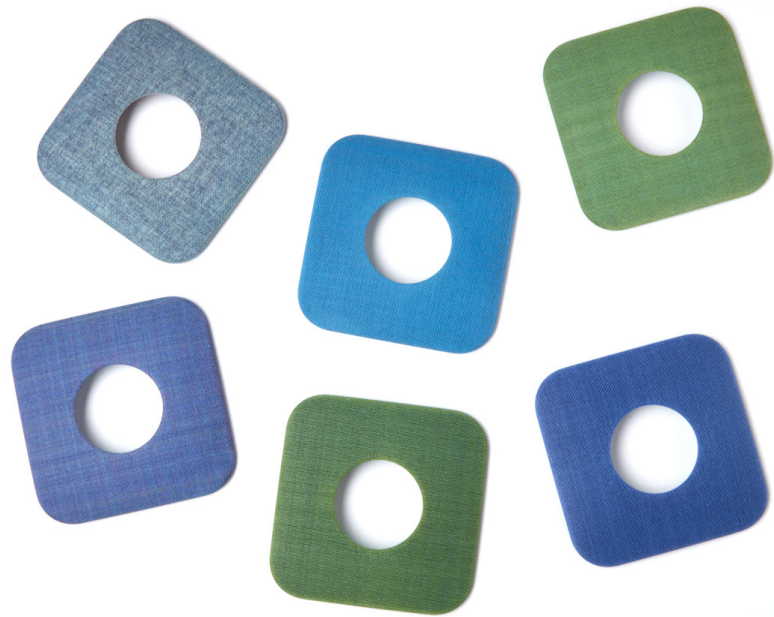
Reduce time spent on manual models, and iterate initial designs faster and more often. The economical DraftGrey material makes concept models easy and affordable. In the time it takes to make a single prototype using traditional methods, you can get 5x more design iterations with the Stratasys J55 Prime 3D printer.

Ready: Detailed Designs.

Incorporate color early and often. CMF designs can be introduced weeks earlier than traditional methods allow, including parts printed with several colors and textures thanks to multi-material capabilities and a simple software workflow. Parts printed on the J55 Prime require little to no post-processing, reducing labor and making your design process run smoother.

Right: High-Fidelity Prototypes.

With high-quality full-color materials and realistic surface finishing, the J55 Prime lets you create parts that look, act and feel like the real thing. Instead of wasting time and money on outsourcing, create everything in-house. Realistic prototypes let you correct mistakes and verify designs more efficiently, leading to quicker decision making and quicker approvals.



Communicate with reality.

Create prototypes that feature full color, multiple texture and truly functional realism. The J55 Prime can produce more than 640,000 distinguishable color combinations, print five resins simultaneously and provide multimaterial capabilities that bring even the most imaginative ideas to life – allowing you to make more accurate design decisions, add functionality and skin contact capabilities earlier in the process.















Power Designs With Color

Improve the speed, efficiency and color fidelity of your prototypes by 3D printing with PANTONE® colors. As a PANTONE Validated™ 3D printer, the J55 Prime enables you to match Stratasys CMYK colors to more than 1,900 printable PANTONE Colors, Solid Coated and SkinTones™.



See the specs.

Product Specifications

Model Materials	 VeroCyanV™	 VeroUltra™ WhiteS
	 VeroMagentaV™	 VeroUltra™ BlackS
	 VeroYellowV™	 VeroUltra™ ClearS
	 VeroPureWhite™	 Elastico™ Clear
	 VeroBlackPlus™	 Elastico™ Black
	 VeroClear™	 Vero™ ContactClear
	 DraftGrey™	 Digital ABS Plus
Support Materials	SUP710™ / Water Soluble Support – WSS™150	
Build Size/Printing Area	Round Print Tray with up to 1,174cm ² (182 in ²) Print Height: 190mm*** (7.48 in.)***	
Layer Thickness	Horizontal build layers down to 18 microns (0.0007 in.)	
Network Connectivity	LAN - TCP/IP	
System Size and Weight	651 x 661 x 1511mm (25.63 x 26.02 x 59.49 in.); 228 kg (503 lbs.)	
Operating Conditions	Temperature 18 – 25 °C (64 – 77 °F); relative humidity 30-70% (non-condensing)	
Power Requirements	100-240VAC, 50-60 HZ, 10A, 1 phase	
Regulatory Compliance	CE, FCC, EAC, cTUVus, CB, RCM	
Software	GrabCAD Print, SDK (API)	
Build Modes	High Quality Speed (HQS) – 18.75µm	
Accuracy	Deviation from STL dimensions, for 1 Sigma (67%) of models printed with rigid materials, based on size: under 100 mm – ±150µ; above 100 mm – ±0.15% of part length.** Deviation from STL dimensions, for 2 Sigma (95%) of models printed with rigid materials, based on size: under 100 mm – ±180µ; above 100 mm – ±0.2% of part length.**	

** Measured when ambient temperature is 23 °C and relative humidity is 50%.

*** The maximal printable height for the J55™ Prime is 187 mm (7.36 in.).

Imagine what you could do.



Stratasys Headquarters

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stratasys

Quotation

Quote # : Q-1022947

Opportunity # : O-374108

Date : September 11, 2024

Expires on : October 11 2024

Prepared by : Andy Close

Email : andyclose@atctrain.com

Deal type : Purchase

Payment terms: Net 30 Days

Freight terms: Prepay & Add

FOB: Shipping Point

To
Shawn Troy
Mid Michigan Community College
1375 S. Clare Ave.
Harrison, Michigan, 48625

Systems

Product Code	Product Name	Description	QTY	List Price	Sale Price	Total Price
OBJ-09210-V	J55 PRIME PRINTER PACKAGE FOR AMER & CN	J55 PRIME PRINTER PACKAGE FOR AMER & CN	1.00	\$109,900.00	\$65,940.00	\$65,940.00
OBJ-09210	STRATASYS J55 PRIME 3D PRINTER	STRATASYS J55 PRIME 3D PRINTER	1.00	Included	Included	\$0.00
OBJ-09210-V	J55 PRIME PRINTER PACKAGE FOR AMER & CN	J55 PRIME PRINTER PACKAGE FOR AMER & CN	1.00	\$109,900.00	\$65,940.00	\$65,940.00
OBJ-09210	STRATASYS J55 PRIME 3D PRINTER	STRATASYS J55 PRIME 3D PRINTER	1.00	Included	Included	\$0.00

Product Code	Product Name	Description	QTY	List Price	Sale Price	Total Price
123-80000	F370 CR PRINTER SYSTEM	F370CR Printer System (110V/220V/50-60Hz, 12 Amp). Includes: 1 ea F370CR System 1 ea F370 Start-up Kit 1 60 ci Spool ea: ABS- M30 Ivory, 1 60 ci Spool ea: QSR Support 1 Box Build Trays - Qty 16 2 Standard Extrusion Heads 1 Year Warranty GrabCAD Print Software Insight Software License	1.00	\$78,900.00	\$48,140.00	\$48,140.00
123-80000	F370 CR PRINTER SYSTEM	F370CR Printer System (110V/220V/50-60Hz, 12 Amp). Includes: 1 ea F370CR System 1 ea F370 Start-up Kit 1 60 ci Spool ea: ABS- M30 Ivory, 1 60 ci Spool ea: QSR Support 1 Box Build Trays - Qty 16 2 Standard Extrusion Heads 1 Year Warranty GrabCAD Print Software Insight Software License	1.00	\$78,900.00	\$48,140.00	\$48,140.00
155-00451	FORTUS 450MC GEN II SYSTEM WITH ALL MATERIAL LICENSE.	FORTUS 450MC GEN II PREFERRED SYSTEM - 16x14x16 inch (406x355x406 mm) Envelope - Four (4) Material Bays (2 model / 2 support) - 1 Year Warranty - CE Conformance (Machinery Directive) - Welcome Kit, Fortus 380/450mc (155-00010) - Insight Software *** ASA MATERIAL OPTION is included. All current and future material licenses are included.	1.00	\$156,900.00	\$120,734.55	\$120,734.55

Product Code	Product Name	Description	QTY	List Price	Sale Price	Total Price
155-11000	FORTUS 450MC GEN II SYSTEM	FORTUS 450MC GEN II SYSTEM (Base Unit) - 16x14x16 inch (406x355x406 mm) Envelope - Four (4) Material Bays (2 model / 2 support) - 1 Year Warranty - CE Conformance (Machinery Directive) - Welcome Kit, Fortus 380/450mc (155-00010) - Insight Software *** 1 MATERIAL OPTION is included (Nylon 12CF or Antero800NA will require additional HW upgrade)	1.00	Included	Included	\$0.00
123-10010	F170 PRINTER SYSTEM GREENGUARD	F170 PRINTER SYSTEM GREENGUARD UL 2904 Includes: 1 ea F170 System 1 ea F170 Start-up Kit 1 60 ci Spool ea ABM30 IVR, QSR Support 1 Box Build Trays - Qty 16 2 Standard Extrusion Heads 1 Year Warranty GrabCAD Print Software	1.00	\$20,500.00	\$18,000.00	\$18,000.00
Systems Total:						\$366,894.55

Materials

Product Code	Product Name	Description	QTY	List Price	Sale Price	Total Price
316-61100	MATL PKG, FORTUS PLUS, 450MC, ASA/SR30	MATL PKG, FORTUS PLUS, 450MC, ASA/SR30	1.00	\$2,157.00	\$0.00	\$0.00
OBJ-09125	PACK OF 1 SUP710, SUPPORT , 1.1 KG	PACK OF 1 SUP706-L, SUPPORT , 1.1 KG	1.00	\$150.00	\$0.00	\$0.00
OBJ-09131	PACK OF 1 RGD821, VEROULTRACLEAR, 1.1KG	PACK OF 1 RGD821, VEROULTRACLEAR, 1.1KG	1.00	\$470.00	\$282.00	\$282.00
OBJ-09129	PACK OF 1 RGD852, VEROMAGENTAV, 1.1 KG	PACK OF 1 RGD852, VEROMAGENTAV, 1.1 KG	1.00	\$470.00	\$282.00	\$282.00
OBJ-09128	PACK OF 1 RGD845, VEROCYANV, 1.1 KG	PACK OF 1 RGD845, VEROCYANV, 1.1 KG	1.00	\$470.00	\$282.00	\$282.00

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Product Code	Product Name	Description	QTY	List Price	Sale Price	Total Price
OBJ-09127	PACK OF 1 RGD838, VEROYELLOWV, 1.1 KG	PACK OF 1 RGD838, VEROYELLOWV, 1.1 KG	1.00	\$470.00	\$282.00	\$282.00
OBJ-09125	PACK OF 1 SUP710, SUPPORT , 1.1 KG	PACK OF 1 SUP706-L, SUPPORT , 1.1 KG	1.00	\$150.00	\$90.00	\$90.00
OBJ-09120	PACK OF 1 CLEANSER, CLEANING FLUID, 1.1KG		1.00	\$43.00	\$43.00	\$43.00
OBJ-09133	PACK OF 1 RGD824, VEROULTRAWHITES, 1.1KG	PACK OF 1 RGD824, VEROULTRAWHITES, 1.1KG	1.00	\$470.00	\$282.00	\$282.00
OBJ-09125	PACK OF 1 SUP710, SUPPORT , 1.1 KG	PACK OF 1 SUP706-L, SUPPORT , 1.1 KG	1.00	\$150.00	\$0.00	\$0.00
OBJ-09131	PACK OF 1 RGD821, VEROULTRACLEAR, 1.1KG	PACK OF 1 RGD821, VEROULTRACLEAR, 1.1KG	1.00	\$470.00	\$282.00	\$282.00
OBJ-09129	PACK OF 1 RGD852, VEROMAGENTAV, 1.1 KG	PACK OF 1 RGD852, VEROMAGENTAV, 1.1 KG	1.00	\$470.00	\$282.00	\$282.00
OBJ-09128	PACK OF 1 RGD845, VEROCYANV, 1.1 KG	PACK OF 1 RGD845, VEROCYANV, 1.1 KG	1.00	\$470.00	\$282.00	\$282.00
OBJ-09127	PACK OF 1 RGD838, VEROYELLOWV, 1.1 KG	PACK OF 1 RGD838, VEROYELLOWV, 1.1 KG	1.00	\$470.00	\$282.00	\$282.00
OBJ-09125	PACK OF 1 SUP710, SUPPORT , 1.1 KG	PACK OF 1 SUP706-L, SUPPORT , 1.1 KG	1.00	\$150.00	\$90.00	\$90.00
OBJ-09120	PACK OF 1 CLEANSER, CLEANING FLUID, 1.1KG		1.00	\$43.00	\$43.00	\$43.00
OBJ-09133	PACK OF 1 RGD824, VEROULTRAWHITES, 1.1KG	PACK OF 1 RGD824, VEROULTRAWHITES, 1.1KG	1.00	\$470.00	\$282.00	\$282.00
333-90450	MTRL, FDM, (M), NYLON-CF10, 90CI	MTRL, FDM, (M), NYLON-CF10, 90CI	1.00	\$529.00	\$375.59	\$375.59
333-60503	MTRL, FDM, (M), ASA RED, 60CI	MTRL, FDM, (M), ASA RED, 60CI	2.00	Included	Included	\$0.00
333-60304	MTRL, FDM, (M), ABS-M30 BLU, 60CI	MTRL, FDM, (M), ABSM30 BLU, 60CI	2.00	Included	Included	\$0.00
333-63500	MTRL, FDM, (S), QSR SUPPORT, 60CI	FDM QSR Support 60 ci	1.00	Included	Included	\$0.00
333-90450	MTRL, FDM, (M), NYLON-CF10, 90CI	MTRL, FDM, (M), NYLON-CF10, 90CI	1.00	Included	Included	\$0.00
333-90450	MTRL, FDM, (M), NYLON-CF10, 90CI	MTRL, FDM, (M), NYLON-CF10, 90CI	1.00	\$529.00	\$375.59	\$375.59
333-60503	MTRL, FDM, (M), ASA RED, 60CI	MTRL, FDM, (M), ASA RED, 60CI	2.00	Included	Included	\$0.00
333-60304	MTRL, FDM, (M), ABS-M30 BLU, 60CI	MTRL, FDM, (M), ABSM30 BLU, 60CI	2.00	Included	Included	\$0.00
333-63500	MTRL, FDM, (S), QSR SUPPORT, 60CI	FDM QSR Support 60 ci	1.00	Included	Included	\$0.00
333-90450	MTRL, FDM, (M), NYLON-CF10, 90CI	MTRL, FDM, (M), NYLON-CF10, 90CI	1.00	Included	Included	\$0.00

Product Code	Product Name	Description	QTY	List Price	Sale Price	Total Price
355-02140	MTRL, FORTUS PLUS, ASA (NAT), 92CI	ASA (Ivory) Filament Canister, Fortus Plus, 92 in^3 (1510 cc)	4.00	Included	Included	\$0.00
355-03110	MTRL, FORTUS PLUS, (S), SR30, 92CI	SR30 Soluble Release Support Canister, Fortus Plus, 92 in^3 (1510 cc)	4.00	Included	Included	\$0.00
333-60500	MTRL, FDM, (M), ASA IVR, 60CI	MTRL, FDM, (M), ASA IVR, 60CI	1.00	Included	Included	\$0.00
333-60300	MTRL, FDM, (M), ABS-M30 IVR, 60CI	MTRL, FDM, (M), ABSM30 IVR, 60CI	2.00	Included	Included	\$0.00
333-60304	MTRL, FDM, (M), ABS-M30 BLU, 60CI	MTRL, FDM, (M), ABSM30 BLU, 60CI	1.00	Included	Included	\$0.00
333-63500	MTRL, FDM, (S), QSR SUPPORT, 60CI	FDM QSR Support 60 ci	1.00	Included	Included	\$0.00
OBJ-09133	PACK OF 1 RGD824, VEROULTRAWHITES, 1.1KG		1.00	\$470.00	\$0.00	\$0.00
OBJ-09128	PACK OF 1 RGD845, VEROCYANV, 1.1 KG		1.00	\$470.00	\$0.00	\$0.00
OBJ-09127	PACK OF 1 RGD838, VEROYELLOWV, 1.1 KG		1.00	\$470.00	\$0.00	\$0.00
OBJ-09129	PACK OF 1 RGD852, VEROMAGENTAV, 1.1 KG		1.00	\$470.00	\$0.00	\$0.00
OBJ-09131	PACK OF 1 RGD821, VEROULTRACLEAR, 1.1KG		1.00	\$470.00	\$0.00	\$0.00
OBJ-09127	PACK OF 1 RGD838, VEROYELLOWV, 1.1 KG		1.00	\$470.00	\$0.00	\$0.00
OBJ-09128	PACK OF 1 RGD845, VEROCYANV, 1.1 KG		1.00	\$470.00	\$0.00	\$0.00
OBJ-09133	PACK OF 1 RGD824, VEROULTRAWHITES, 1.1KG		1.00	\$470.00	\$0.00	\$0.00
OBJ-09129	PACK OF 1 RGD852, VEROMAGENTAV, 1.1 KG		1.00	\$470.00	\$0.00	\$0.00
OBJ-09131	PACK OF 1 RGD821, VEROULTRACLEAR, 1.1KG		1.00	\$470.00	\$0.00	\$0.00
Materials Total:						\$3,837.18

Accessories

Product Code	Product Name	Description	QTY	List Price	Sale Price	Total Price
OBJ-09800	STRATASYS J55 MATERIAL CABINET		1.00	Included	Included	\$0.00
OBJ-09006	J55/J35 SCANNER KIT	Head calibration scanner kit for J55™/J35™ 3D printers. The kit allowing an efficient Print Head alignment calibration.	1.00	\$250.00	\$250.00	\$250.00
OBJ-09007	J55/J35 HOW SCALE KIT	Head optimization wizard (HOW) scale kit for J55™/J35™ 3D printers. The kit allowing an efficient Print Head drop weight calibration.	1.00	\$330.00	\$330.00	\$330.00
OBJ-09401	PROAERO AIR EXTRACTOR - US/CAN	PROAERO AIR EXTRACTOR, US/ CAN	1.00	\$2,890.00	\$2,890.00	\$2,890.00

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Product Code	Product Name	Description	QTY	List Price	Sale Price	Total Price
CMP-00104	UPS, EATON 9SX 2000VA TOWER (1770W, 120V)	CMP-00104-UPS, Eaton 9SX 2000VA Tower (1770W, 120V)	1.00	\$1,650.00	\$1,650.00	\$1,650.00
OBJ-09800	STRATASYS J55 MATERIAL CABINET		1.00	Included	Included	\$0.00
OBJ-09006	J55/J35 SCANNER KIT	Head calibration scanner kit for J55™/J35™ 3D printers. The kit allowing an efficient Print Head alignment calibration.	1.00	\$250.00	\$250.00	\$250.00
OBJ-09007	J55/J35 HOW SCALE KIT	Head optimization wizard (HOW) scale kit for J55™/J35™ 3D printers. The kit allowing an efficient Print Head drop weight calibration.	1.00	\$330.00	\$330.00	\$330.00
OBJ-09401	PROAERO AIR EXTRACTOR - US/CAN	PROAERO AIR EXTRACTOR, US/CAN	1.00	\$2,890.00	\$2,890.00	\$2,890.00
CMP-00104	UPS, EATON 9SX 2000VA TOWER (1770W, 120V)	CMP-00104-UPS, Eaton 9SX 2000VA Tower (1770W, 120V)	1.00	\$1,650.00	\$1,650.00	\$1,650.00
155-51000	ALL MATERIAL LICENSE FOR NEW SYSTEMS ONLY, FORTUS 450MC	ALL MATERIAL LICENSE, FORTUS 450MC	1.00	Included	Included	\$0.00
SSYS_STORE_CREDIT	SSYS STORE CREDIT	SSYS STORE CREDIT	20,000.00	\$1.00	\$0.25	\$5,000.00
123-00103-V	F170/F270 EDUCATION MATERIALS PACKAGE	F170/F270 EDUCATION MATERIALS PACKAGE	1.00	\$1,060.00	\$0.00	\$0.00
Accessories Total:						\$15,240.00

Service Contracts

Product Code	Product Name	Description	QTY	List Price	Sale Price	Total Price
SC-PJ003212	EMERALD CARE STRATASYS J55		1.00	\$9,150.00	\$5,097.05	\$5,097.05
SC-PJ003212	EMERALD CARE STRATASYS J55		1.00	\$9,150.00	\$5,097.05	\$5,097.05
SC-FDM00233	PARTNER EMERALD CARE STRATASYS F370 CR		1.00	\$5,350.00	\$3,477.00	\$3,477.00
SC-FDM00233	PARTNER EMERALD CARE STRATASYS F370 CR		1.00	\$5,350.00	\$3,477.00	\$3,477.00
SC-FDM00026	EMERALD CARE 450	EMERALD CARE 450	1.00	\$16,200.00	\$10,696.86	\$10,696.86
SC-FDM00139	PARTNER EMERALD CARE STRATASYS F170	PARTNER EMERALD CARE STRATASYS F170	1.00	\$1,850.00	\$1,634.48	\$1,634.48
Service Contracts Total:						\$29,479.44

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Installation

Product Code	Product Name	Description	QTY	List Price	Sale Price	Total Price
OBJ-08504	LEVEL 1- J3XX/J5XX, ON-SITE INSTALLATION AND TRAINING	INSTALLATION AND TRAINING, STRATASYS J55/J35	1.00	\$6,000.00	\$6,000.00	\$6,000.00
OBJ-08504	LEVEL 1- J3XX/J5XX, ON-SITE INSTALLATION AND TRAINING	INSTALLATION AND TRAINING, STRATASYS J55/J35	1.00	\$6,000.00	\$4,500.00	\$4,500.00
400-20000	LEVEL 1- FORTUS 360/400/380/450MC, ON-SITE INSTALLATION AND TRAINING		1.00	\$7,500.00	\$0.00	\$0.00
400-35000-RES	LEVEL 1- F123 SERIES/DIMENSION/FORTUS250, ON-SITE INSTALLATION AND TRAINING- PERFORMED BY RESELLER		1.00	\$3,000.00	\$3,000.00	\$3,000.00
Installation Total:						\$13,500.00

Printing Heads

Product Code	Product Name	Description	QTY	List Price	Sale Price	Total Price
123-00602-S	F123 SERIES CR EXTRUSION HEAD		1.00	\$2,186.00	\$2,186.00	\$2,186.00
123-00602-S	F123 SERIES CR EXTRUSION HEAD		1.00	Included	Included	\$0.00
123-00602-S	F123 SERIES CR EXTRUSION HEAD		1.00	\$2,186.00	\$2,186.00	\$2,186.00
123-00602-S	F123 SERIES CR EXTRUSION HEAD		1.00	Included	Included	\$0.00
Printing Heads Total:						\$4,372.00

Software

Product Code	Product Name	Description	QTY	List Price	Sale Price	Total Price
OBJ-09008	J55 FULL COLOR DESIGN CONFIGURATION LICENSE		1.00	Included	Included	\$0.00
OBJ-09009	J55 FUNCTIONAL LICENSE	J55 FUNCTIONAL LICENSE	1.00	Included	Included	\$0.00
GC-SLPRO-SHIELD-V	GC-SLPRO WITH SHIELD KIT	GC-SLPRO WITH SHIELD KIT	1.00	\$2,000.00	\$0.00	\$0.00
GC-SLPRO	STREAMLINE PRO	1 printer licenses with auto renewal after license term	1.00	Included	Included	\$0.00
OBJ-05500	KIT, STREAMLINE PRO SHIELD	KIT, STREAMLINE PRO SHIELD	1.00	Included	Included	\$0.00
OBJ-09008	J55 FULL COLOR DESIGN CONFIGURATION LICENSE		1.00	Included	Included	\$0.00
OBJ-09009	J55 FUNCTIONAL LICENSE	J55 FUNCTIONAL LICENSE	1.00	Included	Included	\$0.00

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Product Code	Product Name	Description	QTY	List Price	Sale Price	Total Price
GC-SLPRO-SHIELD-V	GC-SLPRO WITH SHIELD KIT	GC-SLPRO WITH SHIELD KIT	1.00	\$2,000.00	\$0.00	\$0.00
GC-SLPRO	STREAMLINE PRO	1 printer licenses with auto renewal after license term	1.00	Included	Included	\$0.00
OBJ-05500	KIT, STREAMLINE PRO SHIELD	KIT, STREAMLINE PRO SHIELD	1.00	Included	Included	\$0.00
GC-SLPRO-SHIELD-V	GC-SLPRO WITH SHIELD KIT	GC-SLPRO WITH SHIELD KIT	1.00	\$2,000.00	\$0.00	\$0.00
GC-SLPRO	STREAMLINE PRO	1 printer licenses with auto renewal after license term	1.00	Included	Included	\$0.00
OBJ-05500	KIT, STREAMLINE PRO SHIELD	KIT, STREAMLINE PRO SHIELD	1.00	Included	Included	\$0.00
GC-SLPRO-SHIELD-V	GC-SLPRO WITH SHIELD KIT	GC-SLPRO WITH SHIELD KIT	1.00	\$2,000.00	\$0.00	\$0.00
GC-SLPRO	STREAMLINE PRO	1 printer licenses with auto renewal after license term	1.00	Included	Included	\$0.00
OBJ-05500	KIT, STREAMLINE PRO SHIELD	KIT, STREAMLINE PRO SHIELD	1.00	Included	Included	\$0.00
GC-SLPRO-SHIELD-V	GC-SLPRO WITH SHIELD KIT	GC-SLPRO WITH SHIELD KIT	1.00	\$2,000.00	\$0.00	\$0.00
GC-SLPRO	STREAMLINE PRO	1 printer license	1.00	Included	Included	\$0.00
OBJ-05500	KIT, STREAMLINE PRO SHIELD	KIT, STREAMLINE PRO SHIELD	1.00	Included	Included	\$0.00
Software Total:						\$0.00

Other

Product Code	Product Name	Description	QTY	List Price	Sale Price	Total Price
GC-PPRO	GRABCAD PRINT PRO	GrabCAD Print Pro is an advanced industrial 3D printing software that streamlines print preparation with automated processes and high accuracy checks. It offers monthly enhancements, supports various Stratasys technologies, and is part of an open software ecosystem for customization and scalability with minimal training required.	1.00	\$5,000.00	\$1,000.00	\$1,000.00
OBJ-01200	WATER JET SYSTEM, 110V-120V 60HZ, OBJET	WATER JET SYSTEM, 110V-120V 60HZ, OBJET	1.00	\$3,700.00	\$3,515.00	\$3,515.00

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Product Code	Product Name	Description	QTY	List Price	Sale Price	Total Price
570-10800	SCA 3600 CLEANING SYSTEM	SCA 3600 Cleaning System "16"x16"x14" (406x406x356mm) Work Envelope	1.00	\$8,660.00	\$8,227.00	\$8,227.00
123-00106-V	F190CR/F370CR EDUCATIONAL MATERIALS PACKAGE	F190CR/F370CR EDUCATIONAL MATERIALS PACKAGE	1.00	\$3,621.00	\$0.00	\$0.00
123-00106-V	F190CR/F370CR EDUCATIONAL MATERIALS PACKAGE	F190CR/F370CR EDUCATIONAL MATERIALS PACKAGE	1.00	\$3,621.00	\$0.00	\$0.00
325-00100	SHEET BUNDLE, POLYCARB .02X16X18.5, 20		2.00	Included	Included	\$0.00
511-10101	TIPS, FDM, T12/T12SR30		2.00	Included	Included	\$0.00
511-10201	TIPS, FDM, T16/T12SR30		2.00	Included	Included	\$0.00
316-63500	HARDWARE UPGRADE FOR NYLON 12CF OR ANTERO 800NA	Nylon 12CF/ Antero800NA Hardware upgrade kit for Fortus 450MC - Required to use Nylon 12CF/ Antero800NA or with High Performance Bundle - Includes Nylon 12CF Delivery Head, Hardened drive blocks, Y-block and storage for Head *** Item does not include materials *** -HARDWARE UPGRADE FOR NYLON 12CF OR ANTERO 800NA. For users of Stratasys Preferred and Validated materials. -Upgrade to the filament path to install hardened components. For users of Stratasys Preferred and Validated materials.	1.00	\$10,300.00	\$10,300.00	\$10,300.00
821726-0001-S	ASSY, HEAD 450MC CARBIDE		1.00	Included	Included	\$0.00
408678-0001	ASSY, CARBIDE DUAL DRIVE, BLOCK		2.00	Included	Included	\$0.00
405162-0001-S	DOCKING STATION, HEAD, FORTUS		1.00	Included	Included	\$0.00
402540-0001-S	ASSY, Y BLOCK, HARDENED		1.00	Included	Included	\$0.00

Product Code	Product Name	Description	QTY	List Price	Sale Price	Total Price
570-10800	SCA 3600 CLEANING SYSTEM	SCA 3600 Cleaning System "16"x16"x14" (406x406x356mm) Work Envelope	1.00	\$8,660.00	\$8,227.00	\$8,227.00
Other Total:						\$31,269.00

Totals

List Amount	USD 727,085.00
Net Total Amount	USD 464,592.17

Terms and Conditions

- Please direct all Purchase orders directly to: Stratasys, Inc. | 7665 Commerce Way | Eden Prairie, MN 55344
- Remit the purchase order directly to Systemsorders@stratasys.com
- Price does not include Shipping costs
- All sales shall be governed solely by the then applicable Stratasys Purchasing Terms and Conditions as set forth at <http://www.stratasys.com/legal/terms-and-conditions-of-sale>.
- Orders can be submitted to systemsorders@stratasys.com for order processing.
- Orders are accepted conditioned on credit approval.
- Prices are in U.S. dollars and does not include shipping costs or any applicable tax.
- State sales tax may not included in this quotation, but may be included in the final invoice if no sales tax exemption certificate is provided. Prices may not include shipping costs.
- Thank you for the opportunity to present this quote. We look forward to working with you
- If the terms of this quotation are acceptable, please return a signed copy to us at systemsorders@stratasys.com
- By signing below, you, on behalf of yourself as an individual, your employer, or another entity which has not previously accepted these terms (you and such entities, collectively, "customer"), represent and warrant that customer has authority to accept, and has read, understood and agreed to, these terms.

- Agreed and accepted by Customer:

Signature

Name and Title

Date

sca3600

Designed for User Productivity and Comfort, Engineered for Function and Quality.

The **sca3600** is a large industrial & high throughput solution for removal of soluble support materials on 3D printed parts. It provides demonstrated options to perform support removal on multiple materials such as ABS, ASA, PC, Nylon, PEEK, etc. In removing support for FDM/FFF and Material Jetting processes, such as Polyjet or Extrusion Technology, the sca product family provides a wide range of predefined machine settings and is fully compatible with all soluble support material concentrates, from water to caustics. It further provides the user with the appropriate level of agitation to balance the needs of heavy removal while maintaining critical dimensions on delicate or intricate part geometry. With additional features that include a simple electronic interface for pre-set temperature & time, easy part loading & unloading, and durable stainless-steel tank for caustic support removal operations, the sca3600 is your finishing solution!

Designed and Developed by ORYX in Tempe, AZ USA



oryxadditive.com



ORYX Additive was founded to help additive manufacturers increase output while improving upon quality levels by developing and implementing proven, controlled, and integrated finishing technologies and processes tailored to their unique needs.

Our Vision is to... Collaborate with our customers to achieve the full potential of additive manufacturing.

Our Mission is to... Be the trusted partner in the development of comprehensive solutions to meet the needs of our customers.

sca3600

The **sca3600** provides a larger system capacity with a range of cleaning options and accessory components. Its reliable, easy-to-use, and quiet operation makes it a superior product for AM service firms and industrial manufacturers, where producing larger intricate parts and/or high throughput is necessary. Manufactured for long-term reliability in highly caustic industrial environments while providing limited maintenance and simple servicing, **sca3600** by **ORYX** is the benchmark standard for large part/high volume soluble support removal.



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- Overall Size: 36.5 L x 22.8 W x 42.8 H in. (92.7 L x 57.9 W x 108.7 H cm)
- 16 x 16 x 14 in. (40.6 x 40.6 x 35.6 cm) Stainless Steel Removable Parts Basket
- Capacity: 27 gallons (102 liters)
- Power Requirements: 230VAC +/- 10%, ~ 50/60 Hz - 15A - 3400W
- 4 x 4 x 4 in. (10 x 10 x 10 cm) Small Parts Basket included
- Stainless Steel Tank & Durable Pumping System compatible with water-soluble and caustic-soluble printed support materials
- Proven Support Removal from FFF/FDM parts including ABS, ASA, PC, Nylon, PEEK, and others
- Presets designed for 3D printed parts temperatures: 50, 60, 70 and 85° C
- "Heat Off" temp. selection for Material Jetting & Curing (MJ), such as Polyjet
- User-controlled Digital Timer
- Unique Spray Nozzle & Pump Configuration provides optimized & patented flow
- Flow Reducer is included for delicate parts
- Whisper-quiet Operation for in-office use or industrial setting
- Integral Hinged Lid to reduce water waste & maintain accurate temperature
- Built-in Safety Features such as Over Temperature & Water Level Alarms
- Field replaceable Sub-assemblies
- CE/ cTUVus/ RoHS/ WEEE/ RCM Regulatory Approvals
- 1 Year Warranty & US-based Technical/Customer Support with strong AM industry experience



Copyright 2021 ORYX Additive, Inc.



We believe in our products and stand behind them - please feel free to contact us to explore how we can help to provide additional information or product testing for your custom needs & applications!

o r y x a d d i t i v e . c o m





WaterJet

Support material removal solution for PolyJet 3D Printers by Stratasys

Removing support material from high-quality PolyJet 3D models is easy and convenient with the WaterJet system. Compact and affordable, the WaterJet system enables you to efficiently clean any type of 3D model or prototype.

The WaterJet comprises a self-contained cleaning unit and a small, separate pressure pump unit. The pressure pump unit can be installed wherever convenient in the office or in a separate area such as a storage room.

The WaterJet supports both standalone and tabletop installation, enabling you to choose the configuration that best suits your needs. The pressure pump and installation options enable you to place the WaterJet right alongside your 3D printer.

KEY FEATURES AND BENEFITS

DUAL SPRAY AND JET NOZZLES PRODUCE AN ACCURATE WATER FLOW

IDEAL FOR BOTH DELICATE AND ROBUST MODEL STRUCTURES

DESIGNED FOR MAXIMUM EASE OF USE AND AFFORDABILITY

SMALL FOOTPRINT, IDEAL FOR OFFICE ENVIRONMENT; TOP COVER ENABLES EASY PLACEMENT AND REMOVAL OF MODELS

CHOICE OF STANDALONE OR TABLETOP ONFIGURATION FOR OPTIMAL USE OF FLOOR SPACE





WaterJet

TECHNICAL SPECIFICATIONS

OBJET WATERJET			DESKTOP WATERJET			
Models	OWJ-03US	OWJ-03EU	OWJ-03JP	OWJ-01US	OWJ-01EU	OWJ-01JP
P/N	OBJ-01200	OBJ-01201	OBJ-01202	OBJ-01400	OBJ-01401	OBJ-01402
Description	OBJET WATER JET, 110V-120V 60Hz	OBJET WATER JET, 220V-240V 50Hz	OBJET WATER JET, 100V 50/60Hz	DESKTOP WATER JET, 110V-120V 60Hz	DESKTOP WATER JET, 220V-240V 50Hz	DESKTOP WATER JET, 100V 50/60Hz
Water pressure pump	7 [kg] / 15.4 [lb]	9 [kg] / 19.8 [lb]	7.3 [kg] / 16 [lb]	7 [kg] / 15.4 [lb]	9 [kg] / 19.8 [lb]	7.3 [kg] / 16 [lb]
Electrical rating	110-120VAC, 60Hz, 15A	220-240VAC, 50Hz, 10A	100VAC, 50/60Hz, 5A	110-120VAC, 60Hz, 15A	220-240VAC, 50Hz, 10A	100VAC, 50/60Hz, 15A

DIMENSIONS

Dimensions floor stand WxHxD	58x155x70 [cm] / 22.8x61x27.5 [in]	-
Dimensions table stand WxHxD	58x75x70 [cm] / 22.8x29.5x27.5 [in]	58x74x56 [cm] / 22.8x29.1x22 [in]
Weight	30 [kg] / 66 [lb]	18 [kg] / 39.6 [lb]
Maximum model size WxHxD	30x25x20 [cm] / 11.8x9.8x7.9 [in]	30x25x20 [cm] / 11.8x9.8x7.9 [in]

GENERAL FEATURES

Nozzle type	One high pressure jet and one medium pressure spray	One medium pressure spray
Configuration	Tabletop / floor stand	Tabletop
Internal light	Integrated	-
Internal wiper	Integrated	-

INSTALLATION AND OPERATION

Drain	Standard sink drain pipe — 40 [mm] / 1.5 [in]
Water intake	Standard water tap with hose connection
Minimum intake water pressure	1 atm
Maximum intake water temperature	40° [C] / 104° [F]

ENVIRONMENT

Operating temperature	18°–25° [C] / 64°–77° [F]
Operating relative humidity	30%–70% RH (non-condensing)
Regulatory compliance	CE, FCC
Water consumption	Less than 12 liters/min
Noise level	85–88 dB (ear plugs are required for noise protection)

stratasys

E info@stratasys.com / STRATASYS.COM
ISO 9001:2008 Certified

HEADQUARTERS

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New Business

Item VI-L: Steve Ross Full Faculty Status Recommendation

Presenter: Scott Mertes

Board Consideration: Action

President's Recommendation:

Motion to approve.

Provost Mertes will present a letter of recommendation for the promotion of Steve Ross to full faculty status for approval.

MEMO

To: President Hood & Provost Mertes

From: Dr. Stevens Amidon – Assistant Vice President of Academic Services/Dean of Arts and Sciences

Date: 9/16/2024

Subject: Steve Ross Full Faculty Status Recommendation

Per Article XI – Employee Practices, item A in the Faculty contract, the college is required to make a recommendation during the 5thth semester whether or not to grant full status for the probationary faculty in question.

Dean's Recommendation – I support the removal of Steve Ross from probationary status, and recommend that he be granted full status at Mid Michigan College.

Professor Ross will finish his five-semester probationary period at the completion of the Fall 2024 semester. During this time, he has been a full time instructor, and my review of his record, as well as my observation of his performance since his hiring, convinces me that he is strongly committed to the success of his students. My observations of his work in the classroom and online have been very positive, and feedback evaluations from his students indicates he is an excellent teacher who works with his students to ensure they achieve the expected learning outcomes.

Professor Ross also has a strong record of service at Mid Michigan College. He serves on the Curriculum Committee, and has made significant improvements to the Psychology Curriculum:

- His work creating videos with Noah Lueke has created a highly engaging and accessible resource that has been shared with Mid's Psychology faculty. These videos have attracted a national following, and he has been invited to a professional conference to share this work.
- His work revitalizing PSY.230, a Social Psychology course that was nearly defunct, is very admirable. The course now attracts a significant number of students.

He embraces teaching in all modalities, and has even traveled to Alma and other locations to teach dual credit courses, which goes above and beyond the requirements of the faculty contract.

Professor Ross understands and embraces the culture of Mid Michigan College. He brings a spirit of collegiality and a strong work ethic to the Social Science suite.

Due to these efforts, and a solid performance, I fully support and recommend Professor Ross's promotion to a full-time permanent faculty position at Mid Michigan College.

Respectfully,

Dr. Stevens R. Amidon

New Business

Item VI-M: 80/20 Cap vs Hard Cap for Employee Premiums (Board Policy 406.02)

Presenter: Lori Fassett

Board Consideration: Action

President's Recommendation:

Motion to approve.

Associate Vice President of Human Resources Lori Fassett will give an overview of PA 152 and how it affects employee and college health insurance premiums for approval.

Unfinished Business

Item V-B: Board Policy Changes - Salaries (Board Policy 402)

Presenter: Lori Fassett

Board Consideration: Action

President's Recommendation:

Motion to approve.

Associate Vice President of Human Resources Lori Fassett will present the second reading of Board Policy 402 for approval. The first reading took place at the August Board meeting.

Current Board Policy:

402 | Salaries

The Board of Trustees shall approve the rate of compensation for all employees upon the recommendation of the President. Annually, the Board will approve the salary schedule for administrative employees.

[LAST APPROVED April 2024]

Proposed Revised Board Policy:

402 – Salaries

402.01: The Board of Trustees shall approve the rate of compensation for all employees upon the recommendation of the President. Annually, the Board will approve the salary schedule for administrative employees.

402.02: Employees hired or transferred into a new administrative position after April 30th, will be compensated with a salary that covers the remainder of the current fiscal year as well as the entire following fiscal year.

Unfinished Business

Item V-C: Update on Real Estate Acquisition Adjacent to Mount Pleasant Campus

Presenter: Lillian Frick

Board Consideration: Information/Action

President's Recommendation:

None, informational.

Vice President of Finance and Administration Lillian Frick will provide an update on the acquisition of real estate adjacent to the Mount Pleasant Campus.

Board Comments

Item VII-A: Calendar of Events

Presenter: Board Chair Zdrojewski

Board Consideration: Information

President's Recommendation:

None, informational.

All athletic event dates and times can be found at www.midmichlakers.com

- | | |
|---------|--|
| Oct. 1 | Board Audit Committee Meeting; 5:00 PM, President's Conference Room, Harrison Campus |
| Oct. 1 | Board of Trustees Meeting; Esther C. Conference Room, Harrison Campus |
| Nov. 5 | Board of Trustees Workshop |
| Nov. 6 | An Evening of Gratitude; 6:00-8:00 PM, Community Room, Mt. Pleasant Campus |
| Nov. 19 | Morey Tech Center Renovation Kick Off; 2:30-4:00 PM |
| Dec. 3 | Board of Trustees Workshop |
| Dec. 13 | Nursing Pinning Ceremoy; Community Room, Mt. Pleasant Campus |
| Apr. 17 | PTK Annual Induction Ceremony; Community Room, Mt. Pleasant Campus |

Board Comments

Item VII-B: Board Comments- Other Business

Presenter: Board Chair Zdrojewski

Board Consideration: Information

President's Recommendation:

None, informational.

Any comments may be offered by Trustees at this time.