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December 6, 2021

COLE'S METAL FABRICATING LIMITED
1195 Westcott Road
Windsor, Ontario N8Y 4B7

Attention: Mr. Jeff Cole

MAXCUT MCV-3060 VERTICAL MACHINING CENTRE

Dear Jeff,

Thank you for the opportunity to quote the **MAXCUT MCV-3060 VERTICAL MACHINING CENTRE** for your facilities in Windsor, Ontario.

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MACHINE SPECIFICATIONS:

CAPACITY

table size	1700 x 610 mm / 66.93” x 24”
table height	840mm / 33”
table loading capacity	1818kg / 4000 lbs.

TRAVEL

X-axis	1510mm / 60”
Y-axis	762mm / 30”
Z-axis	686mm / 27”

SPINDLE

taper	CAT#40
bearing inside diameter	70mm / 2.75”
maximum speed /drive	8,000 rpm or 10,000 rpm / belt
spindle centre to column	775mm / 30-1/2”
spindle nose to table	30 - 769mm / 1.18”-30.25”

MOTOR

spindle	11Kw (15kw 30min) / 15 hp (20Hp 30min)
X-axis	14.84Nm / 10.94 ft-lbs
Y-axis	14.84Nm / 10.94 ft-lbs
Z-axis	27.34Nm / 20.16 ft-lbs
coolant pump	560watt / 0.75 hp

ARM STYLE AUTOMATIC TOOL CHANGER

number of tools	24
tool taper	CAT#40
tool select by shortest path	bi-directional
maximum tool weight	8.9kg / 19.6 lbs.
maximum tool diameter	130mm / 5.12”
maximum tool diameter with full pockets	70mm / 2.75”
maximum tool length	300mm / 11.81”

PERFORMANCE

rapid traverse X/Y/Z	24m per minute / 945” per minute
cutting feed rate X/Y/Z	15m per minute / 590” per minute
positioning accuracy	± 0.005mm / ± 0.0002”
repeatability	0.002mm / 0.00008”

DIMENSIONS

length x width x height	4250 x 3300 x 2850mm / 178” x 130” x 112”
weight	7000kg / 15,430 lbs.
required floor space	5270 x 4250mm / 208” x 168”

Note: Specifications are subject to change without notice.

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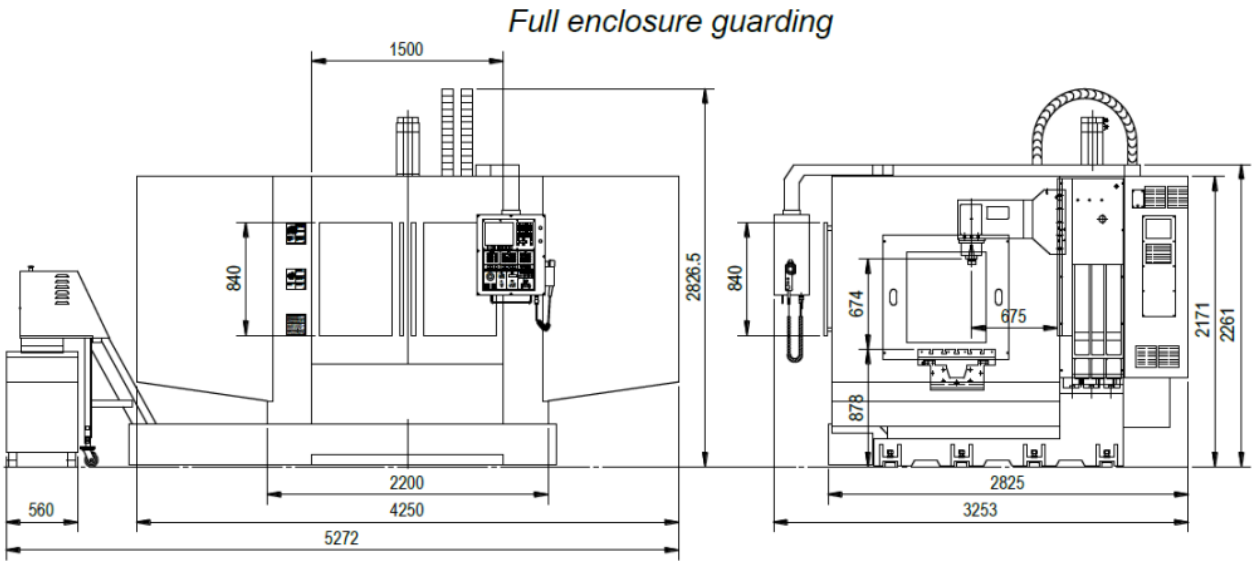
LAYOUT DIMENSIONS:



STANDARD + INCLUDED EQUIPMENT

Fagor 8065 control*
solid box ways
rigid tapping
full enclosure with removable side doors
belt type lift-up chip conveyor
rigid tapping
box ways for heavy duty cutting and heavy part support
precision ground ball screws
automatic lubrication with automatic low lubrication alarm
portable manual pulse generator (electronic handwheel)
210L coolant tank
coolant system with check valvewash down coolant
20bar / 290 psi through the spindle coolant system
wash down coolant flush
coolant gun
automatic lubrication
heat exchanger
low voltage circuit system

SPECIAL PACKAGE PRICE WITH 8,000 RPM SPINDLE: $125,500

SPECIAL PACKAGE PRICE WITH 10,000 RPM SPINDLE: $129,900

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***FAGOR 8065 CONTROL WITH 15" HIGH RESOLUTION COLOUR LCD MONITOR**

- RS232 / Ethernet / USB interface ports
- collision detection
- retrace function
- 200 user definable M functions
- feedrate in inverted function of time
- linear/helical/circular/cylindrical/polar coordinates
- mirror image, scaling, coordinate rotation
- custom macro programming
- g-code programming with on-screen help feature
- DXF file upload for conversational programming cycle
- tool life monitoring + tool inspection
- simulation with execution time estimate
- back ground programming + editing
- optional stop/block skip function
- 2GB program capacity with 2GB compact flash memory
- high speed machining mode with up to 200 blocks look-ahead, 1 ms block processing time
- engraving in X/Y plane + engraving along 4th axis rotary axis in Y/A plane if 4th axis is installed
- additional 20 offsets, unlimited programmable offsets within program
- g-code generation through icon based conversational programming including 3D pocket with island
- automatic tool length calibration finds the tool length automatically
- inside/outside taper threading/boring cycle
- Masteel quick helical taper boring or helical taper threading interpolation programming
- free off-line programming software on the customer's computer
- Fagor remote support program (allowing Fagor to remotely connect to your machine through **Team**Viewer to assist in "machine-down" diagnostics, trouble shooting tooling problems and provide programming assistance - all at no charge during the warranty period)

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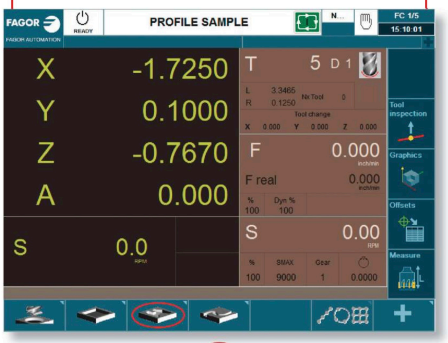
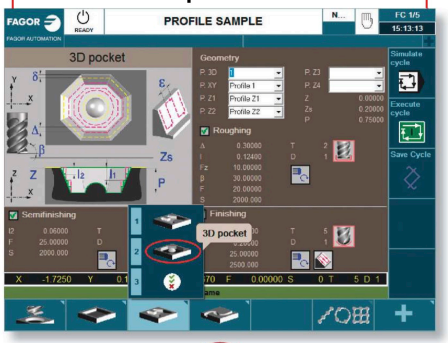
FAGOR CONVERSATIONAL PROGRAMMING FEATURES:

We Made It 1-2-3-4 EASY!

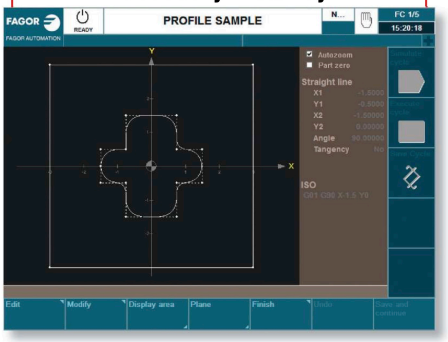
1 Select your cycle of choice



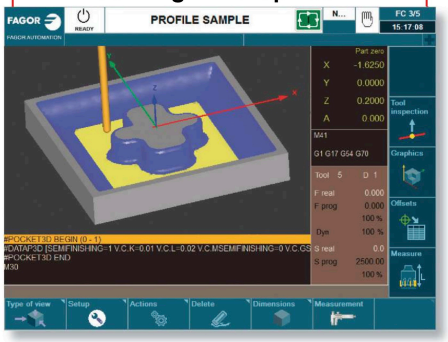
2 Fill in the cycle variables directly from blueprint in seconds



3 Create your Profile if necessary instantly



4 Simulate or Execute utilizing HD Graphics



You can choose from a number of predefined cycles, from SIMPLE to the most COMPLEX:
Pocket Milling, Facing, Profile Milling, Boss, Drilling, Tapping Boring….and many more for Milling.
Facing, Turning, Taper, Grooving, Threading, Profiling….and many more for Turning.

Fagor Automation…Adapting to your World

FAGOR

HUMANITY AT WORK MONDRAGON

fagorautomation.us

Chicago | Dallas | Florida | Los Angeles | Montreal | Atlanta | Toronto

For more information: 800-4A-FAGOR or info@fagor-automation.com

CNC Systems | Digital Servo Motors & Drives | Feedback Systems | DRO Systems | Motion Control Systems

7490 MacDonald Road, Unit 120, Delta, British Columbia V4G 1N2, 800.913.4434
854 78 Avenue, Edmonton, Alberta T6P 1L7, 780.466.4693
940 Winston Churchill Boulevard, Oakville, Ontario L6J 7X5, 905.845.4434

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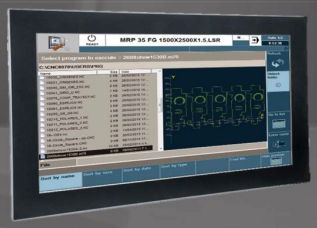
FAGOR 8065 REMOTE SUPPORT PROGRAM:

FAGOR Remote Support Program

Did you know that a Fagor Automation engineer can remotely connect to your CNC controller and assist in 'machine-down' issue diagnostics, troubleshooting a tooling problem, or even provide programming assistance? This service is free during your system's warranty[1] period, and is now available for a fee (one-time or annual programs are available), for the life of your Fagor CNC Controller.



We're so confident that our engineer can resolve your issues remotely, that we'll give you a 20% discount on any subsequent and required onsite service rates if we can't fix it remotely.[2]

Post Warranty Remote Support Pricing

One-Time Only Agreement

There will be a connection fee of $100 CAD, which includes one hour of service/support. Each additional hour will be billed at $60 CAD...there is a 2-hour minimum.

Ongoing/Annual Agreement

There will be a monthly recurring payment of $80 CAD for a single machine, $130 CAD for 2 machines, $180 CAD for 3 machines, or $220 CAD for 4 machines, at a single site (for more than 4 machines at a single site, please contact Fagor service for Special Pricing). This will include 2 support sessions per month, per machine, with a maximum of 4 hours support, per session. Additional hours of support will billed at $60 CAD. All software updates and upgrades (where possible) will be free for any machine(s) under an annual remote service agreement. Sessions are non-transferrable to other machines...support is tied to the registered serial number(s).

Contact: Fagor Service Department
Phone: (905) 670 7448
Email: service@fagorautomation.on.ca

Request Fagor Remote Support

Company Name: _____
Primary Site Address: _____
_____
_____

Fagor CNC Controller: 8060 8065 8070

Machine Type: Mill Lathe VMC Other

Programming: G-Code Conversational

Number of Machines under Agreement: _____

Duration of Agreement: One-Time Only
Ongoing/Annual Agreement

Payment Method: Fagor Account Terms

Credit Card: VISA MasterCard

Contact Person: _____

Phone: _____

Email: _____

[1] Warranty period for domestically purchased CNC systems is 2 years from registration date. Warranty for imported machines is 1 year from completion of the install.
[2] Requires current enrollment in an online service agreement. Normal service rate pricing will apply, to obtain 20% discount. No other discounts will apply. Discount applies to labor hours only. Travel hours will be billed accordingly, without discount. Travel expenses, hotel accommodations, rental car, etc. will be billed at actual costs.

Fagor Automation Canada. 3-6380 Tomken Road, Mississauga, ON Tel (905)670 7448 Fax (905) 670 7449

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STOCK MACHINE PICTURES

WITH FRONT DOORS CLOSED

WITH FRONT DOORS OPEN

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854 78 Avenue, Edmonton, Alberta T6P 1L7, 780.466.4693
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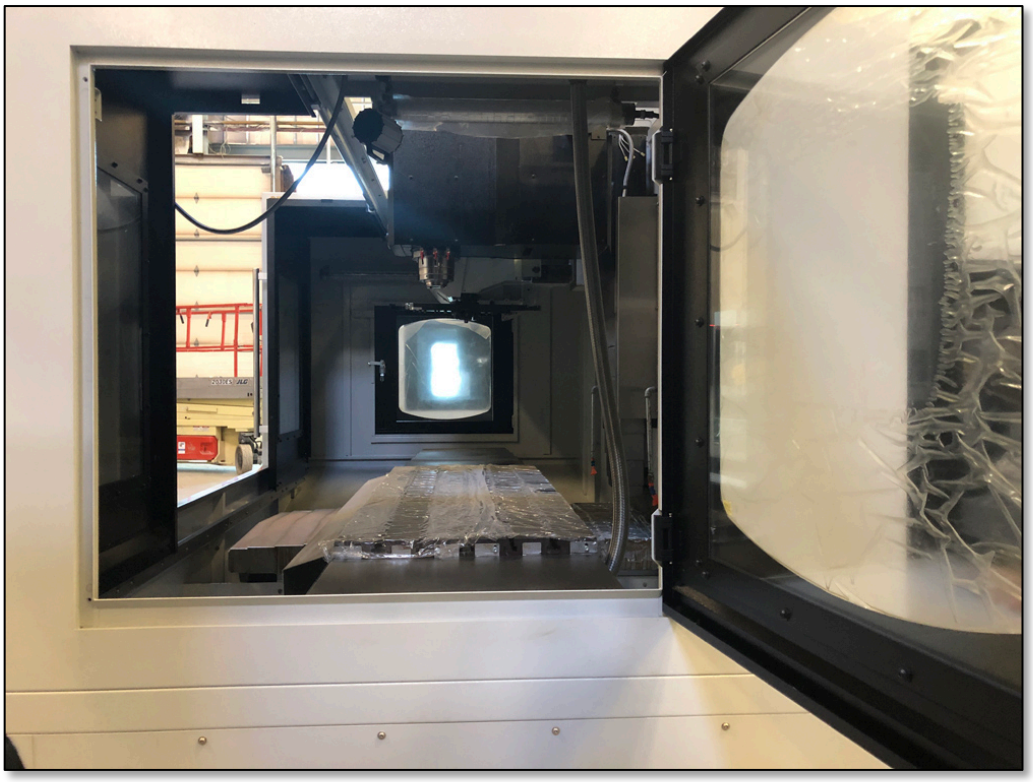
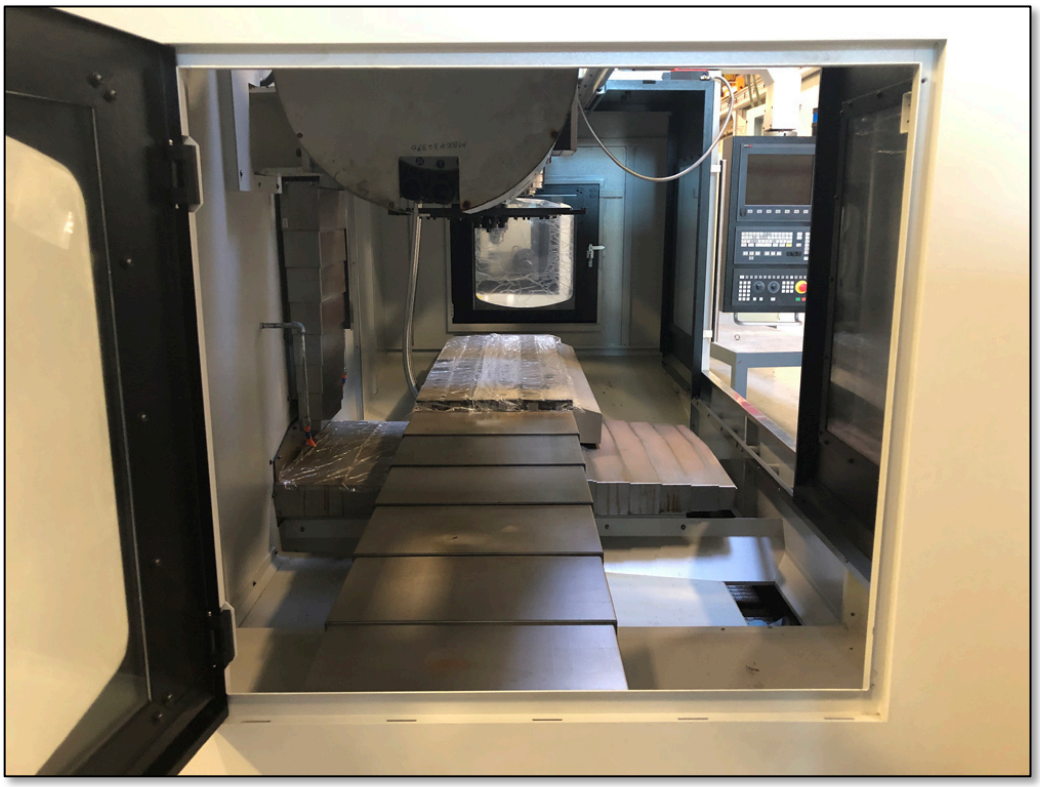
WITH RIGHT SIDE DOOR OPEN

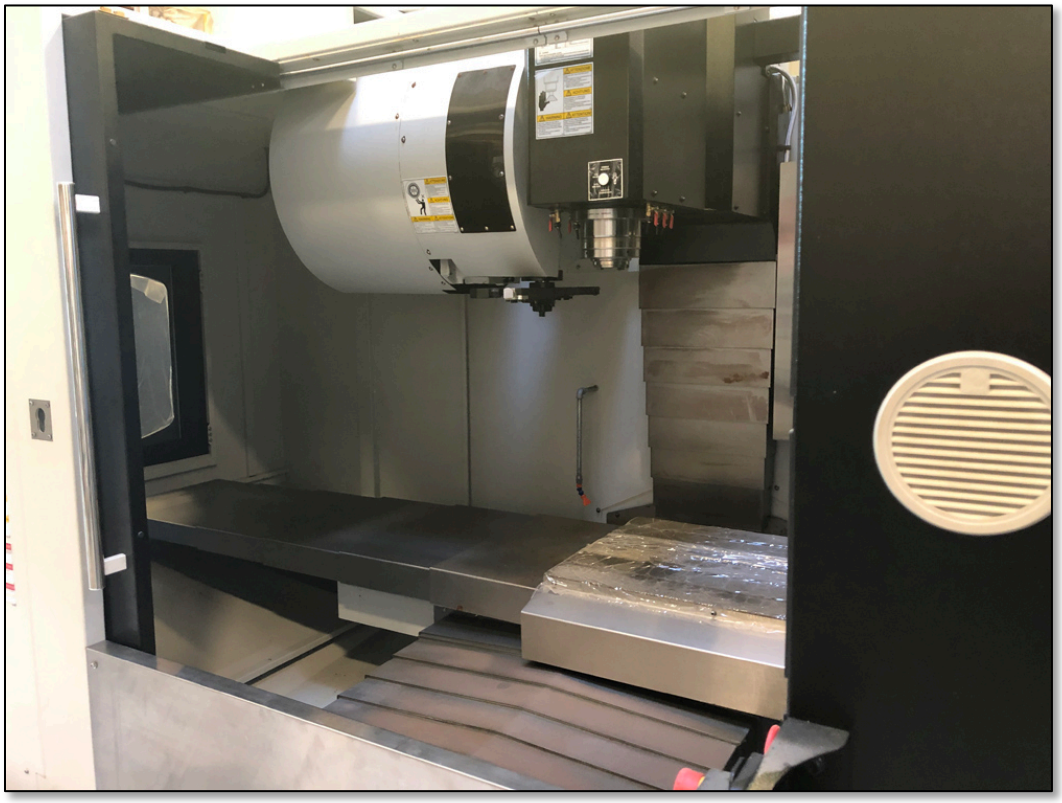


WITH LEFT SIDE DOOR OPEN



FRONT DOORS OPEN FROM THE LEFT SIDE

FRONT DOORS OPEN FROM THE RIGHT SIDE



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TERMS AND CONDITIONS

The pricing
Pricing shown is in Canadian funds.
The above special package pricing is F.O.B. Masteel in Oakville, Ontario and only applies to the quoted stock machines.
Applicable taxes are extra.
CSA approval is included in the pricing.

The payment terms
30% with order, 60% before pick-up, 10% 30 days after delivery.

Warranty
Twelve (12) months on parts & labour.

Delivery
Stock, subject to prior sale.

*CUSTOMER'S RESPONSIBILITY

- Pick-up the machine at Masteel in Oakville, Ontario.
- Off load the machine from the truck at the customer's site.
- Provide all lifting equipment to move the machine into place for assembly.
- Provide a single concrete slab level foundation per the machine foundation requirements.
- Provide power to the machine by a certified electrician.
- Provide hydraulic + way lube oil plus coolant fluid for the machine.

*MASTEEL'S RESPONSIBILITY

- Assemble / level the machine on the customer's shop floor and anchor the machine to the customer supplied foundation.
- Complete the machine installation and accuracy test.
- One day of basic machine operator training.

Pre-Start Health and Safety Review (PHSR) is the responsibility of the customer and is not included in the above pricing.

This proposal is valid for thirty (30) days.

Sincerely,

MASTEEL AMERICA CORPORATION

Ron Nater
Manager, Eastern Canada
phone: 647.270.4434
email: ron@masteels.com
website: www.ronnater.ca