# ΩMEGA
## TOOL MEASURING MACHINES

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## PRODUCT CATALOG

**AHB**

TOOLING & MACHINERY
Complete Metalworking Solutions

(800) 991-4225 www.ahbinc.com
ISO Certified customerservice@ahbinc.com

MADE IN THE U.S.A.

# Ω

# WARRANTY

Omega TMM's 10 year limited warranty* not only gives you peace of mind, it shows Omega TMM's commitment to provide a high level of quality, dependability, and reliability.

*Please see an Omega TMM representative for warranty details.*

# ΩMEGA
## TOOL MEASURING MACHINES

We are Omega Tool Measuring Machines, the final word in presetting and inspection where our passion is your production. Our machines, proudly manufactured and assembled at our Fairport, NY, world headquarters, are the most accurate, reliable, and repeatable measuring machines on the market. The Omega TMM "customer centric" mentality is where it all begins, from research and development to design, to manufacturing to after sales service, everything we do is laser focused on creating an outstanding customer experience. Now, and for the foreseeable future, Omega TMM is the benchmark to which all other machines are compared and we welcome the chance to assist in making your manufacturing facility truly world class.

Omega Tool Measuring Machines can improve efficiency and help you successfully compete in the marketplace of both today and tomorrow. Our products showcase the best in design, engineering, and manufacturing to produce the most accurate and reliable tool measuring systems in the world. As we pursue our commitment to researching new technologies, Omega will continue to set new standards in precision tool measuring systems while providing our customers with the highest level of support and service.

For additional information on any of Omega's Tool Measuring Machines, contact Omega at 844-396-5537 or visit www.omegatmm.com.

# WORLD CLASS

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**MADE IN THE USA**

**ΩMEGA** FORTIS PRO

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# TECHNOLOGY

Omega TMM World Headquarters in Fairport NY is where innovation is born. Customer feedback is what drives the manufacturing world, you speak and we listen. Our mechanical engineering and software engineering teams work hand in hand with our executive team to develop the most user friendly, accurate, repeatable, and reliable tool measuring machines on the planet!

### PERFECT SET

The most accurate automated tool height setting available patent pending. Utilizing an ultra precise sub 1-micron resolution glass scale encoder users have the ability to accurately set tool heights to +/- 5 microns, the best in the business!

### HOLDING RECOGNITION SYSTEM

Utilizing Balluff nearfield RFID communication the spindle offsets are automatically adjusted no matter what cartridge or adapter type you are using with no operator action needed.

### VIRTUAL CONTROL DEVICE

Utilize a 3D CAD mouse to control all 3 automated axes on your CNC presetter. This hands-off control allows micron precise movement, and increases throughput, while being flexible to accommodate ergonomic challenges. Our VCD has 3 fully programmable "smart buttons" that can be used to complete often used functions with the press of a single button. (3 axis CNC required)

### P7 SOFTWARE

User friendly yet robust our G3/ P7 software suites were designed for productivity. Intuitive function and an elegant no nonsense GUI make the Omega TMM machines the easiest to use presetting machines on the market.

### A.A.I.M.

Automated Analysis Inspection and Measurement software allows you to verify profiles and the most difficult forms with ease. Our fully automated imaging software will create a 2+ million point cloud to generate a micron precise DXF for overlay or export. Robust features like tolerance bands, nominal vs. actual comparison, and shadow delete make AAIM your number one choice for all your profiling needs. (3 axis CNC required)

### ECHO

The world's only "learning presetter"! Simply turn on the Echo function, measure your tool and Echo will learn your movements, optimize the program, and create your macro. This is hands down simplest way to program presetting macros on the market. Period. (3 axis CNC required)

### AUTOMATED RFID

Read and write RFID tags on your tool holder from any provider with the push of a button.



AUTOMATED RFID SYSTEM

HOLDING RECOGNITION SYSTEM

A.A.I.M

ECHO

P7 SOFTWARE

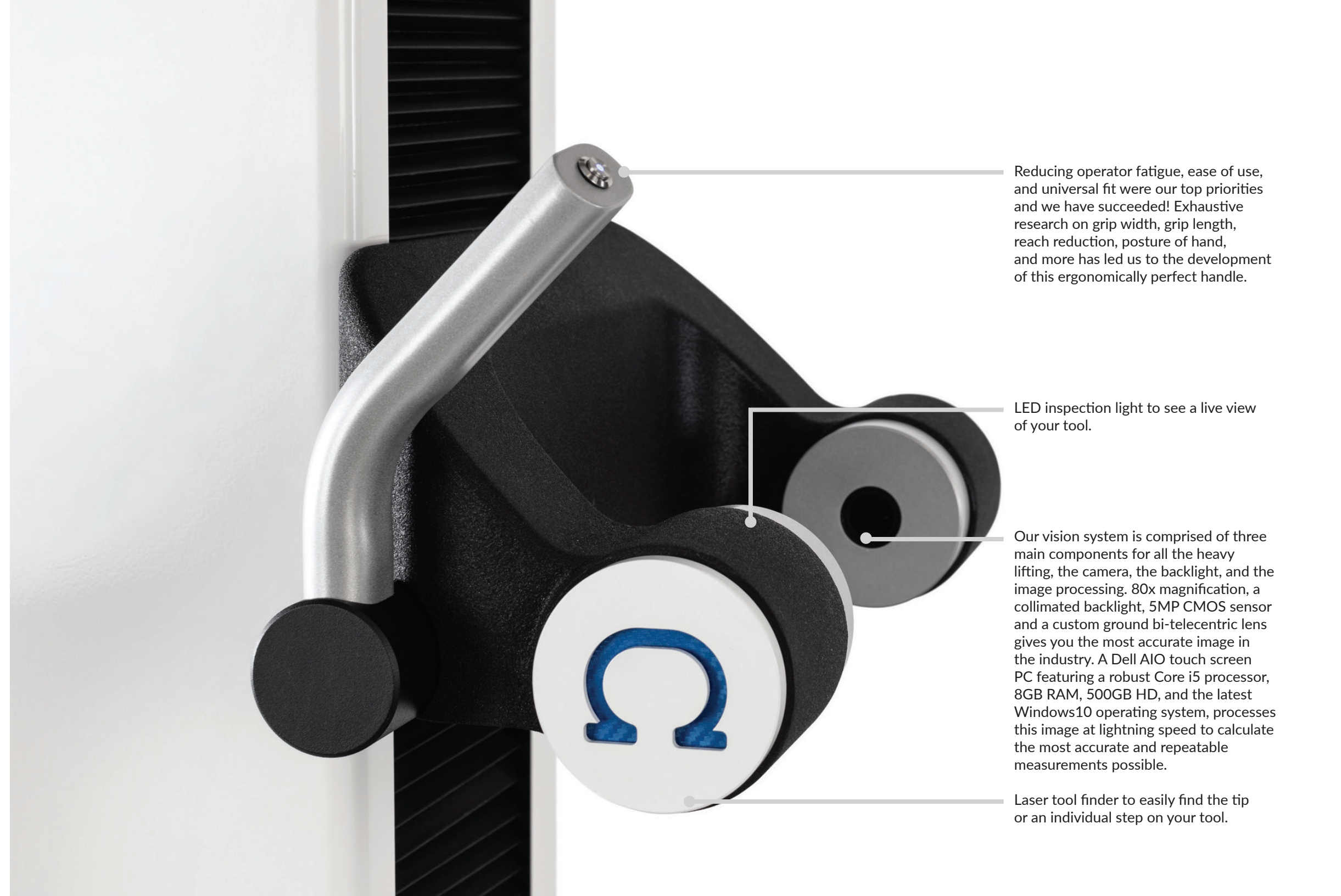VIRTUAL CONTROL DEVICE

PERFECT SET

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# FUNCTIONALITY

Featuring dual precision ground guideways on each axis, sub-micron resolution glass scales, and double recirculating ball bearings sourced from some of the finest manufacturers in the world.

The Omega TMM product line is the apex of the term "World Class."

Reducing operator fatigue, ease of use, and universal fit were our top priorities and we have succeeded! Exhaustive research on grip width, grip length, reach reduction, posture of hand, and more has led us to the development of this ergonomically perfect handle.

LED inspection light to see a live view of your tool.

Our vision system is comprised of three main components for all the heavy lifting, the camera, the backlight, and the image processing. 80x magnification, a collimated backlight, 5MP CMOS sensor and a custom ground bi-telecentric lens gives you the most accurate image in the industry. A Dell AIO touch screen PC featuring a robust Core i5 processor, 8GB RAM, 500GB HD, and the latest Windows10 operating system, processes this image at lightning speed to calculate the most accurate and repeatable measurements possible.

Laser tool finder to easily find the tip or an individual step on your tool.

# MACHINE
# LINEUP

# SOLIS

*The fastest, most reliable, and most accurate heat shrink/measurement combo PERIOD. Through years of engineering and innovation Omega TMM has developed the ultimate machine to meet your high capacity heat shrink and presetting needs. Cutting edge technology such as a proprietary self cooling induction coil shrink head built for continuous shrinking 24 hours a day 7 days a week make the Solis a real workhorse.*

## FEATURES

C.H.I.L.L. automated 60 second tool cooling

Perfect Set provides users the ability to set tool height to an industry leading +/- 5 microns (patent pending)

Length Verification spindle for quick serial shrinking of different length and diameter tools with no extra "masterpiece" step required

Virtual Control Device for simple ergonomic use

Mobile Command Center rolling kiosk

Laser location finder to easily find your tooltip

Fume extractor to remove all vapors produced from the heated tool

A fully integrated heat shrink and presetting unit

Up to 9 full CNC axes

Serial shrinking of different tool heights and diameters

Pearlitic cast iron construction with our proprietary SYMMETRY design

Holding recognition system

Liquid cooled tray for hot cutting tools (patent pending)

Micron accurate fine adjust

P7 user interface suite

Led tool inspection light

21.5" touch screen control

21.5" tool window monitor

15" touch screen LVS monitor

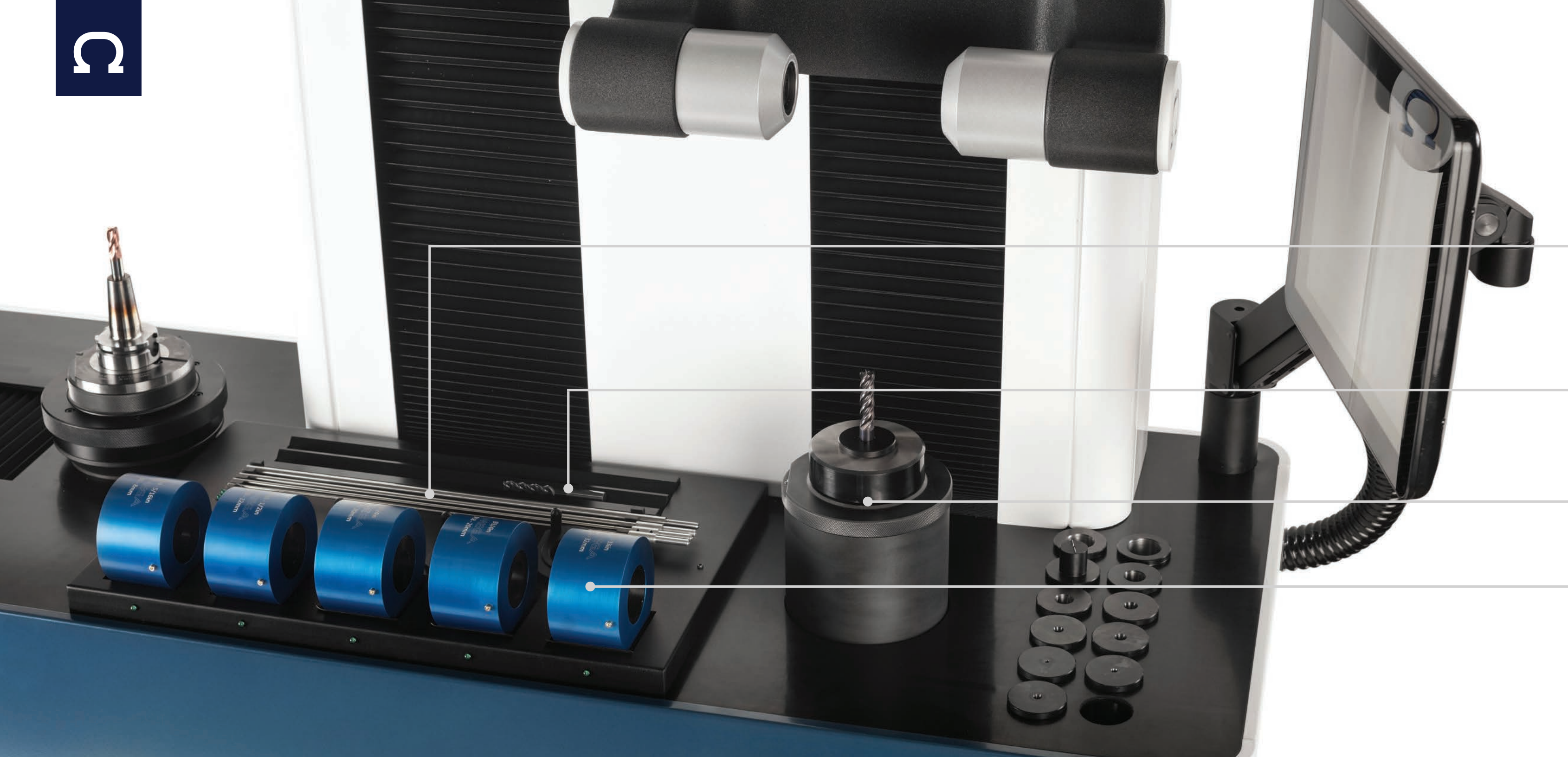Automated unshrinking of damaged tools

ECHO

AAIM

## SPECIFICATIONS

**DIMENSIONS AND WEIGHT**

Length:
1854 mm (73")

Width:
813 mm (32")

Height:
1930 mm (76")

Average Shipping Weight:
930 kg (2050 lbs)

**UTILITIES**

120V AC or 220V AC, 50 Hz to 63 Hz

480V AC 3 phase

Air: 80-110 PSI

*Shown with optional casters*

MADE IN THE USA

OMEGA    SOLIS

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## PERFECT SET LENGTH RODS

*Patent Pending*
Provides users the ability to set tool height
to an industry leading +/- 5 microns.

## LIQUID COOLED TOOL TRAY

*Patent Pending*
The first machine in the industry to offer a liquid
cooled tray to cool your hot tools.

## LENGTH VERIFICATION SPINDLE

Eliminates the use of "masterpiece" sets to reduce
your cycle time by more than a minute and a half!

## C.H.I.L.L.

Contained Hyper Infrigidated Lossy Liquid cooling
system for our revolutionary Solis machine. Self
contained and maintenance free our C.H.I.L.L.
automated cooling system can cool your heat shrink
tools to working temperature in 60 seconds.

# FORTIS

*With over 600 ft/lbs of power-clamping spindle force the Fortis Series
are the most repeatable measuring machines on the market.*



| FEATURES | | SPECIFICATIONS | OPTIONS |
|---|---|---|---|
| 600+ lb/ft universal power clamping spindle with interchangeable cartridge system to work with any tool holding type | Instantly finds tool geometries | **MEASURING DIAMETERS**<br>420 mm (16.5") | **MEASURING LENGTHS**<br>400 mm (15.75")<br>600 mm (23.6")<br>800 mm (31.5") |
| Integrated spindle brake and 360° indexing | Theoretical intersection points | **DIMENSIONS AND WEIGHT**<br>Overall Width:<br>1575 mm (62") | |
| 1µ repeatable measuring | Fixed or Dynamic crosshairs | | **CONTROL SYSTEMS** |
| Shop floor ready, full size freestanding machine | Dual 21.5" tool window monitor (P7) | Depth:<br>813 mm (32") | G3 or P7 user interface<br>Autofocus CNC Spindle |
| Spindle weight capacity of over 200 lbs | Pearlitic cast iron construction with our proprietary SYMMETRY design | Height:<br>400 mm Column (1730 mm / 68")<br>600 mm Column (1930 mm / 76")<br>800 mm Column (2130 mm / 84") | Manual and automated RFID systems<br>Mazak Cyber Tool and Smooth<br>Tool Management system integration<br>Data output |
| Laser Location finder | | | Perfect Set automated tool height system |
| LED ring-light for tool inspection | | Average Shipping Weight:<br>522 kg (1150 lbs.) | Holding recognition system<br>AAIM- tool profile software<br>Virtual control device |
| Robust easy to use control interface | | **UTILITIES**<br>120V AC or 220V AC, 50 Hz  to 63 Hz | ECHO<br>User management |
| | | | **FORTIS PRO** |
| | | Air: 80-110 PSI | System is full 3 axis CNC automation |

**ERGONOMIC, QUICK POSITIONING**
Offers smooth and effortless motion

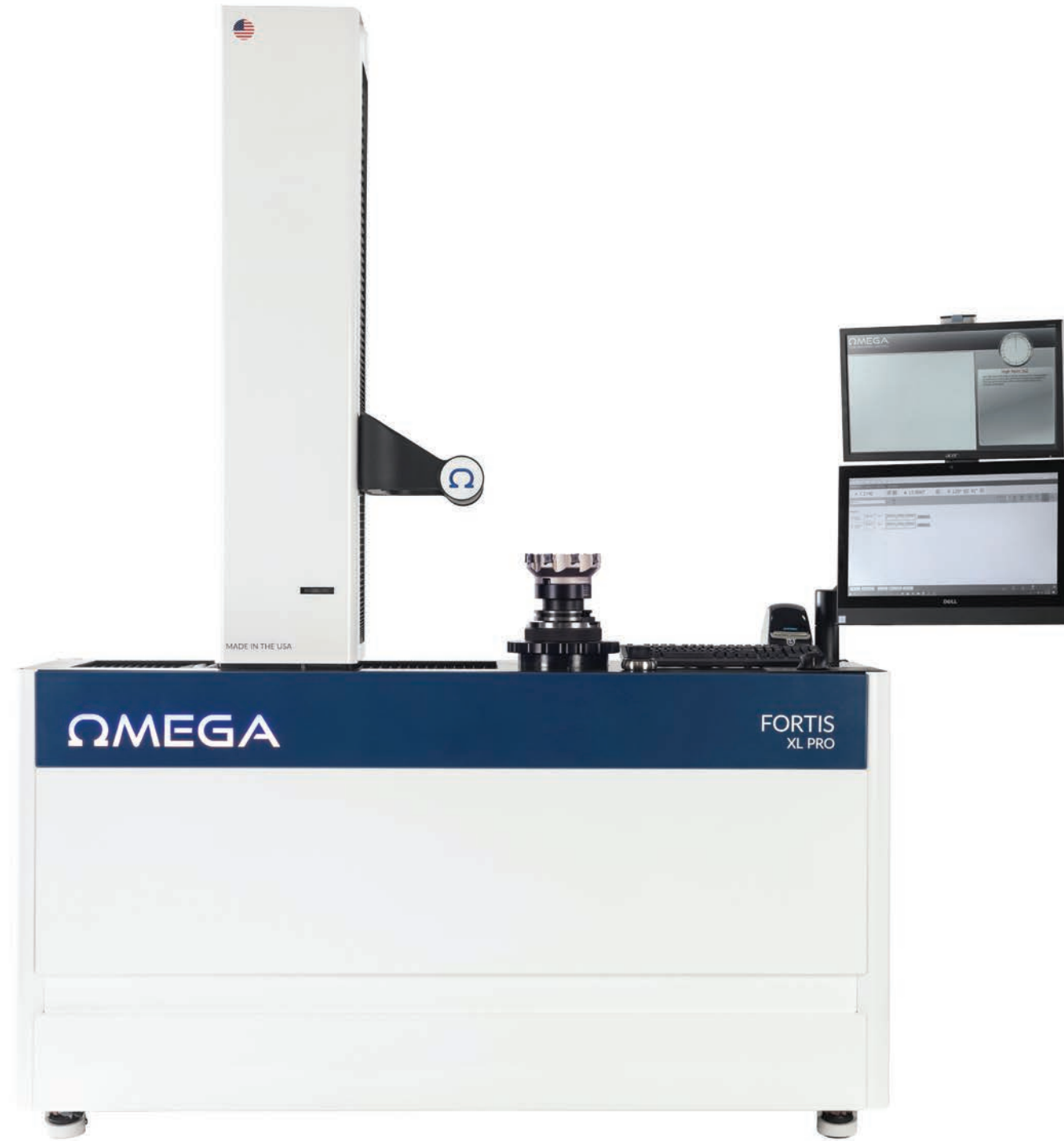**UNIVERSAL POWER CLAMPING SPINDLE**

**UNLIMITED .001 MM FINE ADJUSTMENT**
Fine adjust/axis brake provides
.001 mm unlimited fine adjust

MADE IN THE USA

**INTEGRATED STEEL BASE**
With perlitic cast iron horizontal
and vertical castings

ΩMEGA FORTIS PRO

# FORTIS-XL

*The FORTIS-XL can handle heights and diameters up to 1000mm and with a 1000lb spindle capacity it can measure any tool in your arsenal.*

## FEATURES

600+ lb/ft universal power clamping spindle with interchangeable cartridge system to work with any tool holding type

Integrated spindle brake and 360° indexing

Simple to use 3D VCD with programmable smart buttons

1μ repeatable measuring

Shop floor ready, full size freestanding machine

Spindle weight capacity of over 1000 lbs

Laser Location finder

LED ring-light for tool inspection

Robust easy to use control interface

Pearlitic cast iron construction with our proprietary SYMMETRY design

Instantly finds tool geometries

Theoretical intersection points

Fixed or Dynamic crosshairs

21.5" LCD touchscreen control

21.5" tool window monitor

## SPECIFICATIONS

**DIMENSIONS AND WEIGHT**

Overall Width:
1838 mm (72.4")

Depth:
701 mm (27.6")

Height:
600mm Column  (1948 mm/76.7")
1000 mm Column  (2342mm/93.2")

Average Shipping Weight:
1020 kg (2240 lbs.)

**UTILITIES**

120V AC or 220V AC, 50 Hz to 63 Hz

Air: 80-110 PSI

## OPTIONS

**MEASURING OPTIONS**

1000mm Length
1000mm Diameter

**CONTROL SYSTEMS**

G3 or P7 user interface
Autofocus CNC Spindle
Manual and automated RFID systems
Mazak Cyber Tool and Smooth Tool Management system integration
Data output
Perfect Set automated tool height system
Holding recognition system
AAIM- tool profile software
ECHO
User management

**FORTIS - XL PRO**

System is full 3 axis CNC automation

*Shown with optional casters*

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OMEGA

FORTIS XL PRO

MADE IN THE USA

*Shown with optional casters*

# EXACTUS LITE

*Need accurate measurements but tight on space?*
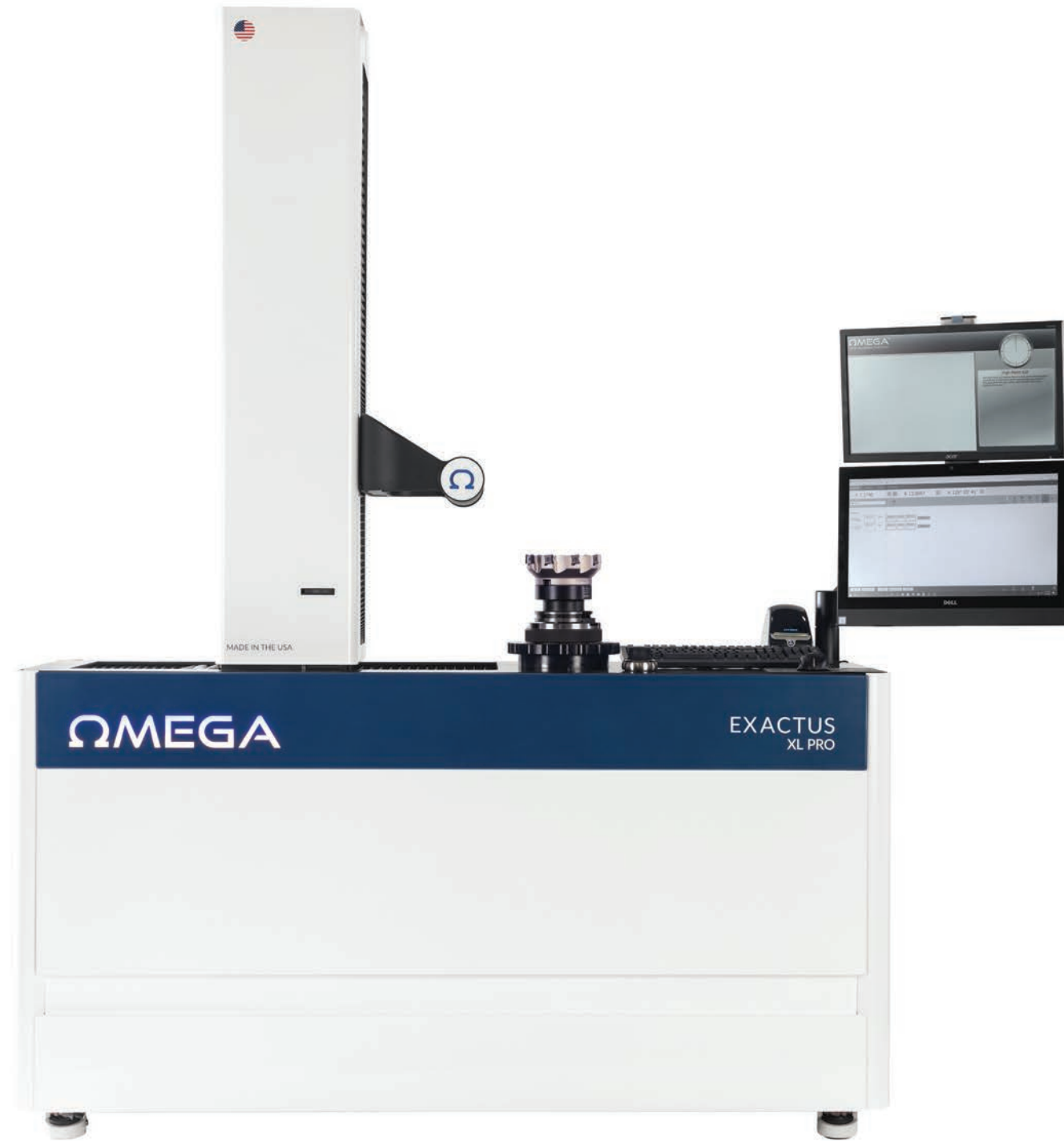*The Exactus Lite tabletop machine is your answer.*

## FEATURES

Precision ground taper 50 spindle

Adapters available for all tool holding types

1 micron concentricity

Vacuum clamping

Shop floor ready

Laser Location finder

LED ring-light for tool inspection

Robust easy to use control interface

Pearlitic cast iron construction with our proprietary SYMMETRY design

Instantly finds tool geometries

Theoretical intersection points

Fixed or Dynamic cross-hairs

21.5" LCD touchscreen control

Label printer

## SPECIFICATIONS

**DIMENSIONS AND WEIGHT**
Overall Width:
748 mm (30")

Depth:
527mm (21")

Height:
400 mm Column (890mm/ 35")
600mm Column (1115mm/44")
800mm Column (1315mm/42")

Average Shipping Weight:
272 kg (600 lbs.)

**UTILITIES**
120V AC or 220V AC, 50 Hz to 63 Hz

Air: 80-110 PSI

## OPTIONS

**MEASURING OPTIONS**
400mm (15.75")
600mm (23.6")
800mm (31.5")

**CONTROL SYSTEMS**
G3 or P7 user interface
Manual and automated RFID systems
Mazak Cyber Tool and Smooth
Tool Management system integration
Data output
Single or dual 21.5" monitors
User management
Document manager

# EXACTUS

*Easy to use, accurate, and robust. The Exactus line can transform your production efficiency from good to world class.*

## FEATURES

Precision ground taper 50 spindle

Adapters available for all tool holding types

1 micron concentricity

Vacuum clamping

Shop floor ready full size freestanding machine

Laser Location finder

LED ring-light for tool inspection

Robust easy to use control interface

Pearlitic cast iron construction with our proprietary SYMMETRY design

Instantly finds tool geometries

Theoretical intersection points

Fixed or Dynamic cross-hairs

21.5" LCD touchscreen control

Label printer

## SPECIFICATIONS

**MEASURING DIAMETERS**
420 mm (16.5")

**DIMENSIONS AND WEIGHT**
Overall Width:
1575 mm (62")

Depth:
813 mm (32")

Height:
400 mm Column (1730 mm / 68")
600 mm Column (1930 mm / 76")
800 mm Column (2130 mm / 84")

Average Shipping Weight:
522 kg (1150 lbs.)

**UTILITIES**
120V AC or 220V AC, 50 Hz to 63 Hz

Air: 80-110 PSI

## OPTIONS

**MEASURING OPTIONS**
400 mm Column (1730 mm / 68")
600 mm Column (1930 mm / 76")
800 mm Column (2130 mm / 84")

**CONTROL SYSTEM**
G3 or P7 user interface
Autofocus CNC Spindle
Manual and automated RFID systems
Mazak Cyber Tool and Smooth
Tool Management system integration
Data output
Perfect Set automated tool height system
Holding recognition system
AAIM- tool profile software
Virtual control device
ECHO
User management

**EXACTUS PRO**
System is full 3 axis CNC automation

*Shown with optional casters

# EXACTUS-XL

*Cast iron construction with our proprietary SYMMETRY design, our innovative virtual control device, and multiple spindle options make the Exactus-XL the definition of the word "heavyweight".*
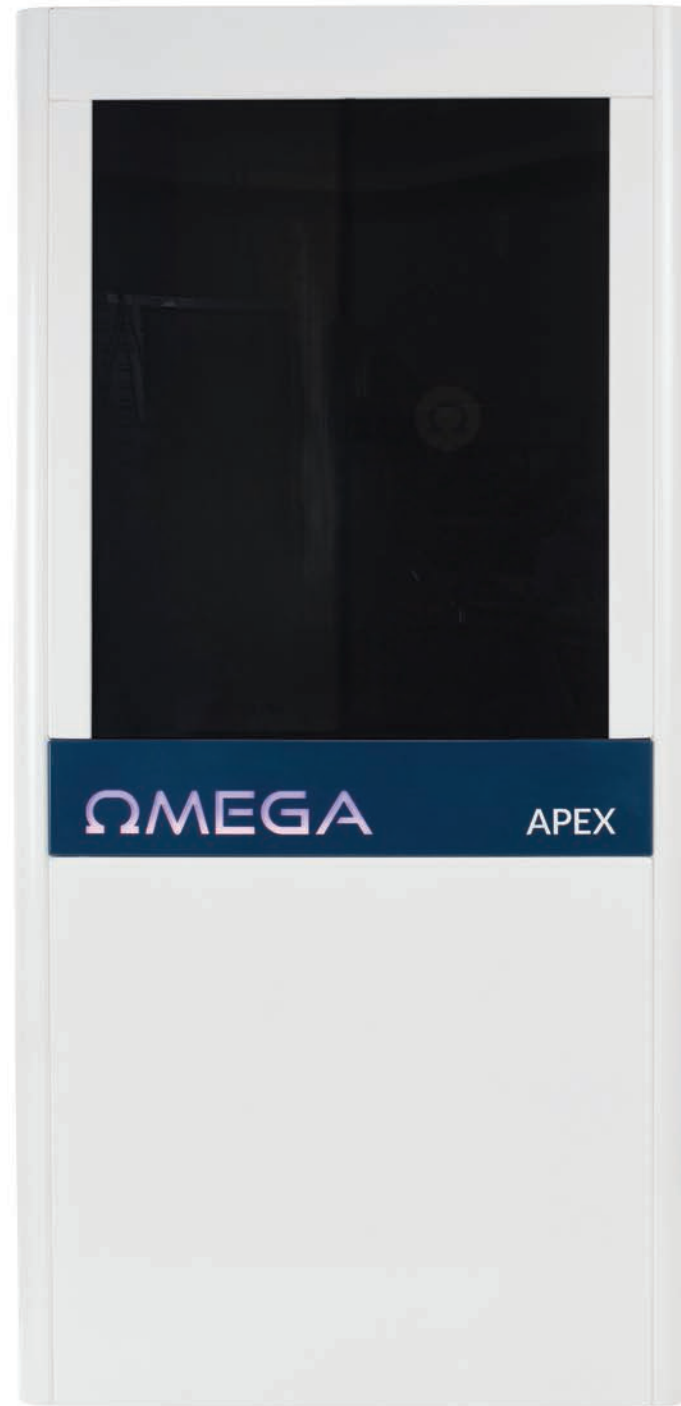
## FEATURES

Precision ground taper 50 spindle

Integrated spindle brake and 360° indexing

Simple to use 3D VCD with programmable smart buttons

Shop floor ready, full size freestanding machine

Laser Location finder

LED ring-light for tool inspection

Robust easy to use control interface

Pearlitic cast iron construction with our proprietary SYMMETRY design

Instantly finds tool geometries

Theoretical intersection points

Fixed or Dynamic crosshairs

21.5" LCD touchscreen control

21.5" tool window monitor

## SPECIFICATIONS

**DIMENSIONS AND WEIGHT**
Overall Width:
1838 mm (72.4")

Depth:
701 mm (27.6")

Height:
600mm Column  (1948 mm/76.7")
1000 mm Column  (2342mm/93.2")

Average Shipping Weight:
1020 kg (2240 lbs.)

**UTILITIES**
120V AC or 220V AC, 50 Hz to 63 Hz

Air: 80-110 PSI

## OPTIONS

**MEASURING OPTIONS**
1000mm Length
1000mm Diameter

**CONTROL SYSTEM**
G3 or P7 user interface
Autofocus CNC Spindle
Manual and automated RFID systems
Mazak Cyber Tool and Smooth
Tool Management system integration
Data output
Perfect Set automated tool height system
Holding recognition system
AAIM- tool profile software
Taper 60 spindle
HSK 125a spindle
ECHO
User management

**EXACTUS XL-PRO**
System is full 3 axis CNC automation

*Shown with optional casters

# ORIGIN

*Easy to use, cost effective, and shop floor ready, the Origin is the perfect entry level machine in the optical presetting industry.*

| FEATURES | SPECIFICATIONS | OPTIONS |
|---|---|---|
| Cast aluminum construction with proprietary SYMMETRY design | **DIMENSIONS AND WEIGHT** | **ACCESSORIES** |
| Precision ground taper 50 spindle | Overall Width: | Adapters for all tool holding styles |
| Integrated spindle brake and 360° indexing | 610 mm (24") | Label printer |
| LED surface inspection | Depth: | Sturdy Industrial Grade Maple Bench |
| Intuitive icon based software | 686 mm (27") | Monitor Arm |
| 21.5" LCD screen | Height: | |
| Maintenance free design | 965 mm (38") | |
| 1-year parts and labor warranty | Average Shipping Weight: | |
| | 102 kg (225 lbs.) | |
| | **UTILITIES** | |
| | 120V AC or 220V AC, 50 Hz  to 63 Hz | |
| | Air: 80-110 PSI | |

# APEX

*Reflection and dirt are the enemies of creating an accurate tool profile. Our Apex machine features a full environmental enclosure with and automated light diffuser to make sure your tools are kept safe from the perils of the shop floor. The Apex can profile all types of tools or grinding wheels for any industry using our AAIM software creating the perfect DXF for comparison or export. Whether it is basic presetting or profiling wheels or form tools the Apex is a world class machine.*

## FEATURES

Fully integrated environmental enclosure with auto-retracting light diffuser

AAIM profiling software

User management

ECHO learning function

Instantly finds tool geometries

Theoretical intersection points

Fixed or Dynamic crosshairs

21.5" LCD touchscreen control

21.5" tool window monitor

600+ lb/ft universal power clamping spindle with interchangeable cartridge system to work with any tool holding type

Pearlitic cast iron construction with our proprietary SYMMETRY design

Integrated spindle brake and 360° indexing

Simple to use 3D VCD with programmable smart buttons

1μ repeatable measuring

Shop floor ready, full size freestanding machine

Laser Location finder

LED ring-light for tool inspection

Robust easy to use control interface

## SPECIFICATIONS

**DIMENSIONS AND WEIGHT**

Length:
939.8  mm (37")

Width:
1168.4 mm (46")

Height:
1828.8 mm (72")

Weight:
475 kg (1046 lbs)

**UTILITIES**

120V AC or 220V AC, 50 Hz to 63 Hz

Air: 80-110 PSI

## OPTIONS

**CONTROL SYSTEM**

Virtual control device
Automated RFID
Data output
Perfect Set automated tool height system
Mazak Cyber Tool and Smooth Tool Management system integration

# VERI-GRIND

*The Veri-Grind is the benchmark for grinding wheel form and offset verification in both the metal cutting and stone grinding industries.*

## FEATURES

Instantly finds tool and wheel geometries

Theoretical intersection points

Fixed or Dynamic cross-hairs

21.5" LCD touchscreen control

Label printer

Precision ground taper 50 spindle

Adapters available for all tool holding types

1 micron concentricity

Vacuum clamping

Pearlitic cast iron construction with our proprietary SYMMETRY design

Shop floor ready full size freestanding machine

Laser Location finder

LED ring-light for tool inspection

Robust easy to use control interface

AAIM profiling software with tolerance banding

## SPECIFICATIONS

**MEASURING DIAMETERS**
420 mm (16.5")

**DIMENSIONS AND WEIGHT**
Overall Width:
1575 mm (62")

Depth:
813 mm (32")

Height:
400 mm Column (1730 mm / 68")
600 mm Column (1930 mm / 76")
800 mm Column (2130 mm / 84")

Average Shipping Weight:
522 kg (1150 lbs.)

**UTILITIES**
120V AC or 220V AC, 50 Hz to 63 Hz

Air: 80-110 PSI

## OPTIONS

**CONTROL SYSTEM**
Automated or manual RFID
Data output
Document manager
User management
ECHO
Mazak Cyber Tool and Smooth
Tool Management system integration

# VERI-GRIND LITE

*Veri-Grind Lite is the cost effective bench-top solution for grinding wheel verification.*

## FEATURES

Precision ground taper 50 spindle

Adapters available for all tool holding types

Template tracking to verify wheel forms

1 micron concentricity

Vacuum clamping

Shop floor ready

Laser Location finder

LED ring-light for tool inspection

Pearlitic cast iron construction with our proprietary SYMMETRY design

Robust easy to use control interface

Instantly finds tool geometries

Theoretical intersection points

Fixed or Dynamic cross-hairs

21.5" LCD touchscreen control

Label printer

## SPECIFICATIONS

**DIMENSIONS AND WEIGHT**
Overall Width:
748 mm (30")

Depth:
527mm (21")

Height:
400 mm Column (890mm/ 35")
600mm Column (1115mm/44")
800mm Column (1315mm/42")

Average Shipping Weight:
272 kg (600 lbs.)

**UTILITIES**
120V AC or 220V AC, 50 Hz to 63 Hz

Air: 80-110 PSI

## OPTIONS

**MEASURING OPTIONS**
400mm (15.75")
600mm (23.6")
800mm (31.5")

**CONTROL SYSTEMS**
G3 or P7 user interface
Manual and automated RFID systems
Mazak Cyber Tool and Smooth
Tool Management system integration
Data output
Single or dual 21.5" monitors

# MICRO

*Developed specifically for micro tools with micro features.
With an industry leading 300x lens the micro can measure even
the most microscopic features repeatedly and accurately.*

| FEATURES | | SPECIFICATIONS | OPTIONS |
|---|---|---|---|
| 300x magnification bi-telecentric lensing | Robust easy to use control interface | **MEASURING DIAMETERS**<br>420 mm (16.5") | **CONTROL SYSTEMS**<br>G3 or P7 user interface |
| 600+ lb/ft universal power clamping spindle with interchangeable cartridge system to work with any tool holding type | Instantly finds tool geometries | **DIMENSIONS AND WEIGHT**<br>Overall Width:<br>1575 mm (62") | Autofocus CNC Spindle<br>Manual and automated RFID systems<br>Mazak Cyber Tool and Smooth |
| Integrated spindle brake and 360° indexing | Pearlitic cast iron construction with our proprietary SYMMETRY design | | Tool Management system integration<br>Data output |
| 1μ repeatable measuring | Theoretical intersection points | Depth:<br>813 mm (32") | Perfect Set automated tool height system |
| Shop floor ready, full size freestanding machine | Fixed or Dynamic cross-hairs | Height:<br>400 mm Column (1730 mm / 68") | Holding recognition system<br>AAIM- tool profile software |
| Laser Location finder | 21.5" tool window monitor | Average Shipping Weight:<br>522 kg (1150 lbs.) | Virtual control device<br>ECHO |
| LED ring-light for tool inspection | | **UTILITIES**<br>120V AC or 220V AC, 50 Hz to 63 Hz | User management |
| | | Air: 80-110 PSI | |

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SHRINKSET LITE  SHRINKSET

SHRINKSET PRO

# SHRINKSET

*Shrink and cool your tools automatically with the press of a button.*

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PRODUCT SPECIFICATIONS

| FEATURES | SHRINKSET LITE | SHRINKSET | SHRINKSET PRO |
|---|---|---|---|
| 480v power supply | **MACHINE TYPE**<br>Compact Tabletop | **MACHINE TYPE**<br>Full-size Tabletop | **MACHINE TYPE**<br>Freestanding Machine |
| Oscillating air cooling<br>(Shrinkset and Shrinkset Lite) | **HEATING TIME**<br>>15 seconds | **HEATING TIME**<br>>10  seconds | **HEATING TIME**<br>>10  seconds |
| Lightning fast quench cooling<br>(Shrinkset Pro) | **COOLING TIME**<br>2 minutes | **COOLING TIME**<br>2 minutes | **COOLING TIME**<br>30 seconds |
| Easy to use full color LCD touch-screen<br>display | **COOLING TYPE**<br>Oscillating Air | **COOLING TYPE**<br>Oscillating Air | **COOLING TYPE**<br>Auto Quench |
| Adapters and stop discs for multiple<br>tool types are included | **TOOL SIZE**<br>Maximum Length:<br>11"/21" with ext. | **TOOL SIZE**<br>Maximum Length:<br>22" | **TOOL SIZE**<br>Maximum Length:<br>22" |
| Automated Cooling Cycle | | | |
| Automated Heat Cycle | Maximum Diameter:<br>1/8"-1 ¼" (3-32mm) | Maximum Diameter:<br>1/8"-1 ¼" (3-32mm) | Maximum Diameter:<br>1/8"-1 ¼" (3-32mm) |
| Manufactured, assembled, and<br>supported in the U.S.A. | **ADAPTERS INCLUDED**<br>HSK100/63/50/40<br>CAT50/40/30<br>Capto C6 | **ADAPTERS INCLUDED**<br>HSK100/63/50/40<br>CAT50/40/30<br>Capto C6 | **ADAPTERS INCLUDED**<br>HSK100/63/50/40<br>CAT50/40/30<br>Capto C6 |

# ACCESSORIES

## TAPER 50 ADAPTERS

Adapt your taper 50 machine to work with any type of tool holder.

- All taper types
- ABS
- Big Plus
- Clamping HSK
- Clamping Capto
- Clamping KM
- VDI

## CLAMPING CARTRIDGES

All cartridges are universal clamping giving you 600+ ft/lbs of pull force on every tool.

- All taper types
- ABS
- Big Plus
- Clamping HSK
- Clamping Capto
- Clamping KM
- VDI

## CERTIFIED TEST BARS

50 taper: 50mm Dia. X 150mm projection

50 taper: 50mm Dia. X 300mm projection

50 taper: 50mm Dia. X 450mm projection

## ZERO GAUGES

50 taper: 50mm Dia. X 75mm projection

# CONTACT

Omega TMM is a customer centric company and service is the cornerstone upon which we are built. With certified factory trained technicians throughout the world we are always ready to serve you!

## SERVICE AND TECHNICAL SUPPORT CONTACT INFORMATION:

Toll-Free: (844) 396-5537

Email: service@omegatmm.com

## SALES CONTACT INFORMATION:

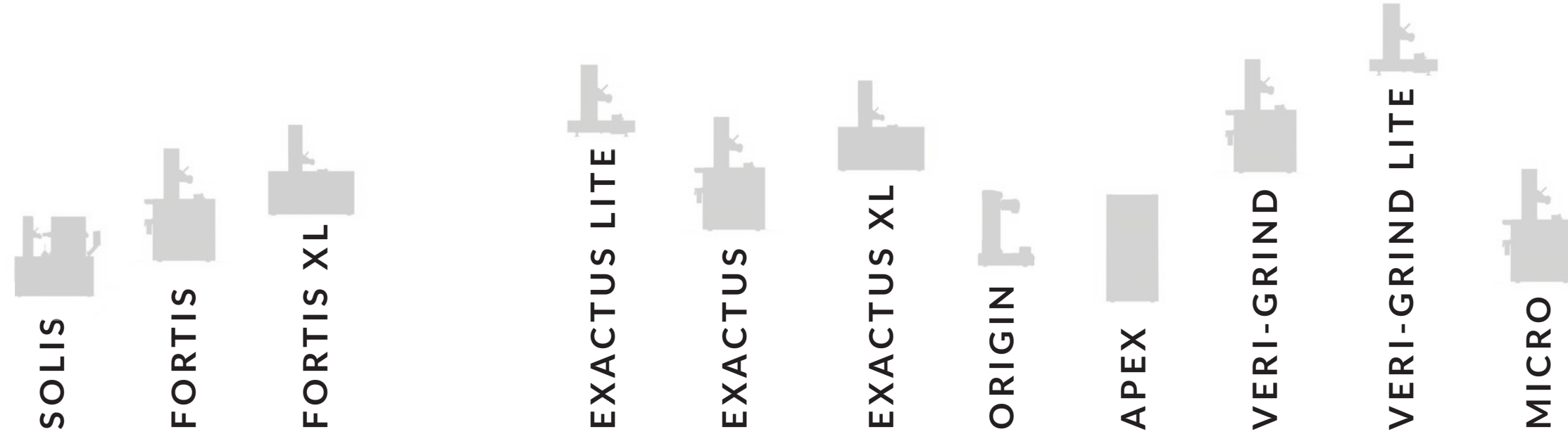Toll-Free: (844) 396-5537

Email: sales@omegatmm.com

## OMEGA SWAG!

Send us a video or picture* using your Omega TMM machine and we will send you a care package of Omega swag!

*These pictures and videos may be used for marketing purposes

| | ● STANDARD ◉ OPTIONAL ∅ NOT AVAILABLE | SOLIS | FORTIS | FORTIS XL | EXACTUS LITE | EXACTUS | EXACTUS XL | ORIGIN | APEX | VERI-GRIND | VERI-GRIND LITE | MICRO |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TAPER 50 SPINDLE | | ∅ | ∅ | ∅ | ● | ● | ● | ● | ◉ | ● | ● | ◉ |
| UNIVERSAL POWER CLAMPING SPINDLE | | ● | ● | ● | ∅ | ∅ | ∅ | ∅ | ● | ◉ | ∅ | ● |
| AUTO FOCUS | | ∅ | ◉ | ◉ | ∅ | ◉ | ◉ | ∅ | ∅ | ∅ | ∅ | ∅ |
| 3 AXIS CNC | | ● | ◉ | ◉ | ∅ | ◉ | ◉ | ∅ | ● | ● | ∅ | ● |
| VIRTUAL CONTROL DEVICE | | ● | ◉ | ● | ∅ | ◉ | ● | ∅ | ● | ◉ | ∅ | ◉ |
| PERFECT SET HEIGHT ADJUSTMENT | | ● | ◉ | ◉ | ∅ | ◉ | ◉ | ∅ | ◉ | ◉ | ∅ | ◉ |
| RFID TOOL IDENTIFICATION | | ◉ | ◉ | ◉ | ◉ | ◉ | ◉ | ∅ | ◉ | ◉ | ◉ | ◉ |
| DATA OUTPUT/POST PROCESSING | | ◉ | ◉ | ◉ | ◉ | ◉ | ◉ | ∅ | ◉ | ◉ | ◉ | ◉ |
| AAIM PROFILING SOFTWARE | | ● | ◉ | ◉ | ∅ | ◉ | ◉ | ∅ | ● | ● | ∅ | ◉ |
| MOBILE COMMAND CENTER | | ● | ◉ | ◉ | ◉ | ◉ | ◉ | ∅ | ● | ◉ | ◉ | ◉ |

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