



# MEGA-T400A

AUTOMATED ABRASIVE CUTTER

## HANDS OFF ABRASIVE CUTTING

High Powered Motor | Consistent Performance | Automated Operations

**2** year warranty  
Limited warranty

SPECIFICATION	MEGA-T400A
Cut-off size blade size	16-inch (400 mm)
Arbor size Cutting	32 mm
Capacity	Max diameter: 6-inch (150mm)
Cutting capacity (H x D)	Maximum 3 x 6-inch (70 x 150 mm)
Vertical movement (z-axis)	5-inch (125mm)
Table feed movement (x-axis) and speed	OPTIONAL: 1.8-inch (45 mm) 0.04 to 0.07-inch/second (1-2 mm/second)
Table feed movement (y-axis) and speed	7-inch (180 mm) 0.04 to 0.20-inch/second (1-10 mm/second)
Electrical Specifications	480V 3-phase (50/60 Hz)
Cutting force	3-25 amps (480V)
Motor power	Constant torque variable speed Servo Motor, 3φ - 15 KW (20 hp) 480V
Motor Speed (rpm)	Variable: 1000-3000 rpm
Dimensions (W x D x H)	<b>Hood closed:</b> 48 x 51 x 64-inch (1200 x 1300 x 1601 mm) <b>Hood open:</b> 48 x 51 x 66-inch (1200 x 1300 x 1700 mm)
Weight	880 lbs (400 kg)



Embrace a new era of cutting excellence with the **MEGA-T400A** Automated Abrasive Cutter. This cutting-edge 16-inch wheel saw is engineered to revolutionize your cutting applications, delivering a level of versatility and control that elevates cutting tasks into a realm of seamless efficiency. Automated cutting operation redefines the cutting experience increasing process consistency and efficiency. Designed to effortlessly handle a diverse range of materials, the MEGA-T400A harnesses the power of a constant torque servo motor, ensuring consistent and optimal performance with every operation. Supported by twin t-slotted stainless steel tables, this automated machine maintains unwavering stability during the most intricate cutting tasks, ensuring superior results each time. Step into a future where precision is effortlessly fused with automation.



Machinery directive 2006/42/EC  
RoHS Directive 2011/65/EU



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## APPLICATIONS

- Ferrous metals
- Non-ferrous metals
- Foundry castings
- Power metallurgy
- Heat treated parts
- Specialty alloys
- Wrought metals



MAXCUT Abrasive cutting fluid















10-inch MAX-A250  
Abrasive Blade

CUTTING FLUID	APPLICATION	DILUTION	CHANGE FREQUENCY
MAXCUT	As a replacement for competitors cutting fluids	25:1 (water)	50 cuts or weekly
MAXCUT2	Recommended for reducing corrosion in cutting chambers	25:1 (water)	50 cuts or weekly

### Tips: Abrasive Cutter Care:

1. Use clean/fresh MAXCUT2 cutting fluid; fluid should be changed weekly
2. Rinse and dry table and vises after use
3. When cutter is not in use open hood to prevent humidity build-up
4. If cutter will not be used for an extended period of time, spray table and vises with a water displacement oil such as WD40®

ABRASIVE BLADE	M.O.S	CATALOG #	QTY
Soft non-ferrous materials	3440	MAX-C250	10/box
Hard non-ferrous materials	3440	MAX-C250	10/box
Soft steel	4500	MAX-E250	10/box
General purpose resin bonded	4585	MAX-D250	10/box
Nickel & Superalloys	4580	MAX-A250	10/box
Very hard heat treated and case hardened ferrous materials (>50 Rc)	3055	MAX-VHS250	10/box
Universal thin blade	4580	MAX-A250	10/box
General industrial blade	4500	MAX-I250	10/box
180 grit high concentration Diamond Abrasive Cutting Wheel	6100	DMAX-250	10/box

<b>VERTICAL CLAMPING VISE (1.38-INCH / 35 MM)</b>  <b># MG-01</b>	<b>VERTICAL CLAMPING VISE (2.8-INCH / 71 MM)</b>  <b># MG-15</b>	<b>HEIGHT ADAPTER FOR MG-01 OR MG-15 VISES (2.6-INCH / 65 MM)</b>  <b># MG-H</b>	<b>VERTICAL CLAMPING VISE (2.0-INCH / 51 MM)</b>  <b># MG-E</b>
<b>HEIGHT ADAPTER FOR MG-E VISE (2.25-INCH / 57 MM)</b>  <b># MG-EH</b>	<b>ARM EXTENSION FOR MG-E VISE (1.25-INCH / 32 MM)</b>  <b># MG-EX</b>	<b>SADDLE VISE</b>  <b># MEGA-702</b>	<b>FASTENER VISE</b>  <b># MEGA-711</b>
<b>BACK STOP PLATE</b>  <b># QCB-1000</b>	<b>BACK STOP PLATE (RIGHT) FOR MEGA-M250S ONLY</b>  <b># QCBR-M250S</b>	<b>QUICK RELEASE CLAMPING VISE (LEFT HAND)</b>  <b># QCL-1000</b>	<b>QUICK RELEASE CLAMPING VISE (RIGHT HAND)</b>  <b># QCR-1000</b>