



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)	Hood closed: 48 x 51 x 64-inch (1200 x 1300 x 1601 mm) Hood open: 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



3601 E. 34th Street, Tucson, AZ 85713
P: +1 (520) 882-6598
F: +1 (520) 882-6599
pace@metallographic.com

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

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