

**DACE®  
TECHNOLOGIES**  
[www.metallographic.com](http://www.metallographic.com)



#### MEGA-T400A Automated / Manual Abrasive Cutter

- 16-inch wheel saw
- Auto / manual table feed and manual wheel feed
- 1500-3500 rpm Variable speed cutting
- 2-15 amp adjustable current draw for fine cutting control
- Automated/Manual table feed cutting
- Manual wheel feed
- High torque servo motor
- Overload flashing red light in chamber to warn of motor overload
- Wheel and table feed cutting

- 7-inch touch high resolution display
- Electronic braking for safety
- Removable side panels for pass through longer samples
- Highly reproducible
- External rinse nozzle for easy cleaning
- Cutting capacity up to 6-inch (150 mm solid stock or 3.15 x 12-inch (80 x 300 mm) samples using 400 mm (~15-inch) blade
- Powerful 10.3 (7.7 KW/21Nm) constant torque servomotor
- Twin t-slotted stainless steel tables
- Easy to use

# MEGA-T400A Abrasive Cutter

**MEGA-T400A**  
**Variable Speed**  
**400 mm (~16-inch)**  
**Automated Table /**  
**Manual Wheel**  
**Feed Abrasive Saw**

#### Applications:

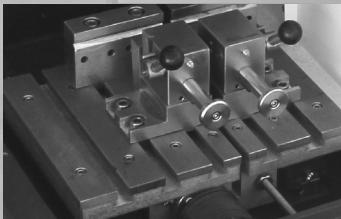
- Ferrous metals
- Non-ferrous metals

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

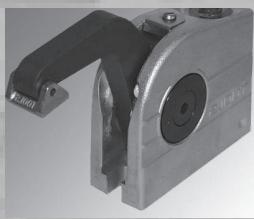
#### MEGA-T400A



## Clamping Systems for MEGA-T400A Cut-off Machines



Fast Cam Locking Vise



Vertical Clamping Vise

## Clamping Devices

Proper clamping or fixturing is required to prevent blade breakage and to optimize the cut. Vises range from a vertical clamping vise to fast cam locking devices.

Fast cam locking vise, right	Fast cam locking vise, left	Vertical clamping vise	65 mm (2.6-in) height adapter for Vertical vise
QCR-1100	QCL-1100	MG- 01	MG-H

## Abrasive Cutting Fluids

Pace Product Name	Catalog Number	Packaging
MAXCUT Abrasive Cutting Fluid	MAXCUT-1000-128	1 gallon
MAXCUT Abrasive Cutting Fluid	MAXCUT-1000-5G	5 gallons
MAXCUT 2 Cutting Fluid with Anti-corrosion Additive	MAXCUT2-1000-128	1 gallon
MAXCUT 2 Cutting Fluid with Anti-corrosion Additive	MAXCUT2-1000-15G	5 gallons

## 14-inch (350mm) MAXCUT Abrasive Blades (32mm Arbor)

Pace Product Name	Catalog Number	Packaging
Soft non-ferrous metals (aluminum, tin, copper, zinc, etc.)	MAX-E400	10
Hard non-ferrous metals (titanium)	MAX-C400	10
Soft steels	MAX-E400	10
Case hardened steels	MAX-VHS400	10
Hard Steels	MAX-VHS400	10
Universal Thin Blade	MAX-A400	10
General Purpose Blade	MAX-I400	10
Diamond Blade	DMAX-400	each



**PACE TECHNOLOGIES**  
[www.metallographic.com](http://www.metallographic.com)

3601 E. 34th St.

Tucson, AZ 85713 USA

Phone +1-520-882-6598

FAX +1-520-882-6599

<https://www.metallographic.com>

email [pace@metallographic.com](mailto:pace@metallographic.com)

## Technical Data

Specification	MEGA-T400A
Cut-off size (Blade diameter)	400 mm (16-inch)
Arbor size	32 mm (~1.25-inch)
Cutting Capacity	Max diameter 6-inch (150 mm)
Cutting Capacity (HxD)	Maximum 3.15 x 12-inch (80 x 300 mm)
Wheel Feed& Table Feed	Manual / Auto
Vertical movement (z-axis)	5.12-inch (130 mm)
Table feed movement (y-axis)	5.9-inch (150 mm)
Screen display	7-inch touch screen
Dimensions (WxDxH)	48.2 x 51.4 x 63-inch (hood closed) 48.2 x 51.4 x 80-inch (hood open)
Table Dimensions	11 x 18.25-inch t-slot (280 x 470 mm)
Cooling Unit	14 gallons (53l)
Motor Power	10.3 hp (7.7KW/21Nm) (3-phase servo motor)
Speed (rpm)	Variable: 1500-3500 rpm
Electrical Specifications	208Y, 380V 50/60 Hz (3-phase)
Model Type	Floor
Weight	880 lbs (400 kg)