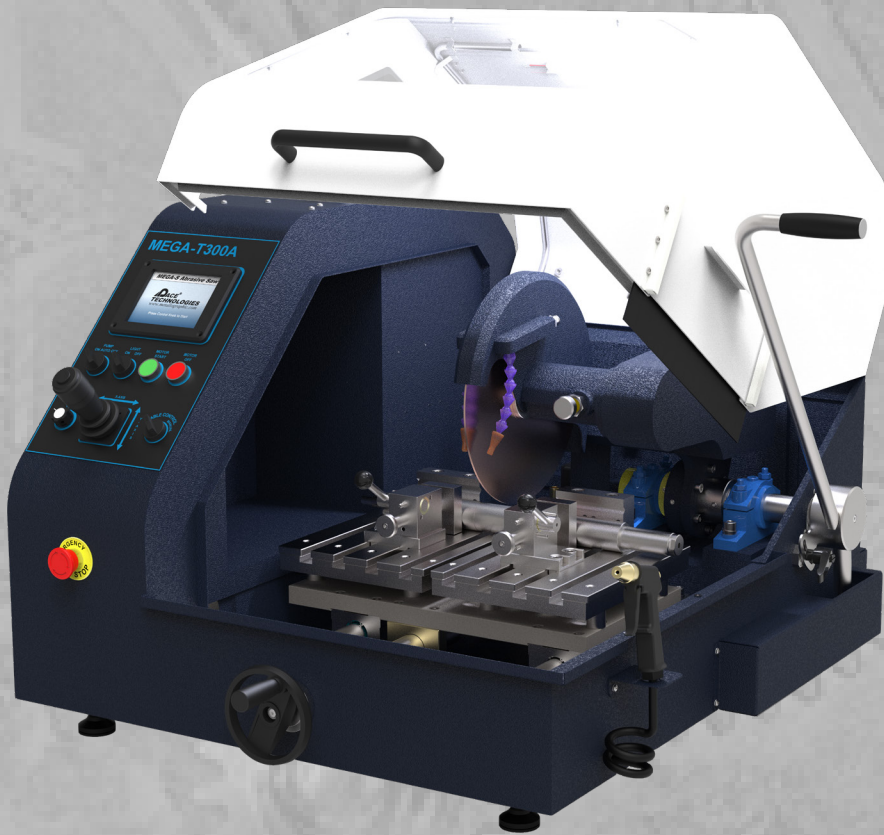


# **DACE<sup>®</sup>** **TECHNOLOGIES**

[www.metallographic.com](http://www.metallographic.com)



## **MEGA-T300A Automated / Manual Abrasive Cutter**

- 12-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
- 5.6-inch no 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 4-inch (100 mm solid stock or 3 x 8-inch (75 x 200 mm) samples using 300 mm (~12-inch) blade
- Powerfull 10.3 hp (7.7 KW/21Nm) constant torque servo motor (theoretical maximum)
- Twin t-slotted stainless steel tables
- Easy to use

# **MEGA-T300A** **Abrasive** **Cutter**

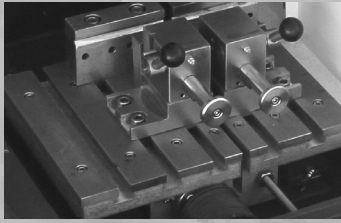
**MEGA-T300A**  
**Variable Speed**  
**300 mm (~12-inch)**  
**Automated Table /**  
**Manual Wheel**  
**Feed Abrasive Saw**

**Applications:**  
**-Ferrous metals**  
**-Non-ferrous metals**

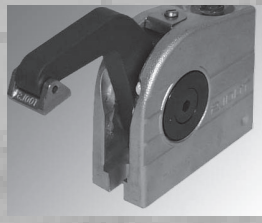
**-Foundry castings**  
**-Power metallurgy**  
**-Heat treated parts**  
**-Specialty alloys**  
**-Wrought metals**



## Clamping Systems for MEGA-T300A 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

## 12-inch (300mm) MAXCUT Abrasive Blades (32mm Arbor)

Pace Product Name	Catalog Number	Packaging
Soft non-ferrous metals (aluminum, tin, copper, zinc, etc.)	MAX-E300	10
Hard non-ferrous metals (titanium)	MAX-C300	10
Soft steels	MAX-E300	10
Case hardened steels	MAX-VHS300	10
Hard Steels	MAX-VHS300	10
Universal Thin Blade	MAX-A300	10
General Purpose Blade	MAX-I300	10
Diamond Blade	DMAX-300	each



**PACE<sup>®</sup>**  
**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-T300A
Cut-off size (Blade diameter)	300 mm (12-inch)
Arbor size	32 mm (~1.25-inch)
Cutting Capacity	Max diameter 4.5-inch (115 mm)
Cutting Capacity (HxD)	Max 3 x 6-inch (75 x 150 mm)
Wheel Feed & Table Feed	Manual / Auto
Vertical movement (z-axis)	3-inch (75 mm)
Table feed movement (y-axis)	7.5-inch (190 mm)
Screen display	5-inch non-touch
Dimensions (WxDxH)	42 x 42 x 30-inch (hood closed) 42 x 42 x 36.5-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 (7.7 KW/21 Nm) (3-phase servo motor) (theoretical maximum)
Speed (rpm)	Variable: 1500-3500 rpm
Electrical Specifications	208Y, 380V 50/60 Hz (3-phase)
Model Type	Bench
Weight	500 lbs (230 kg)