

PACE **TECHNOLOGIES**



MEGA-T300 **Abrasive** **Cutter**

MEGA-T300
300 mm (~12-inch)
Abrasive Saw

Applications:

-Ferrous metals
-Non-ferrous metals

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

MEGA Wheel and Table Feed Cutters

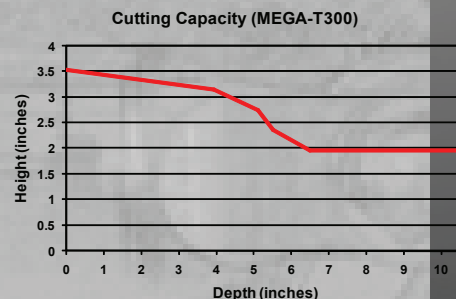
- **Highly reproducible**
- **Easy to use**
- **User friendly**
- **Robust and durable design**
- **Low cost**
- **Easy to service**

Benefits

- **Wheel feed controlled cutting**
- **Cutting capacity up to 4 inches (100 mm) solid stock sample using a 300 mm (~12-inch) blade**
- **Powerful 5.5 hp (4 KW) motor**
- **Twin t-slotted stainless steel table**
- **Electronic braking system**

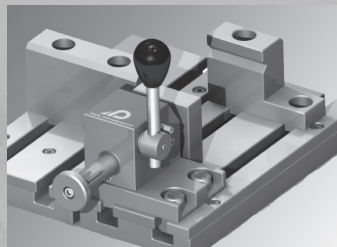
Manual Cutting

- **The MEGA-T300 abrasive saw is a manual wheel feed cutter. This allows for the samples to be positioned in the x,y and z-axis positions.**

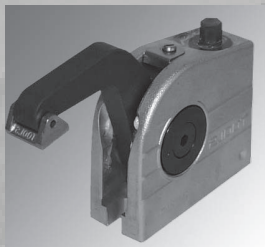


Machinery directive 2006/42/EC
Low Voltage Directive 2006/95/EC
Electromagnetic Compatibility directive 2004/108/EC

Clamping Systems for MEGA-T300 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	Adjustable mechanical stop
QCR-1000	QCL-1000	MG- 01	MG-H	MG-0150

Abrasive Cutting Fluids

Pace Product Name	Catalog Number	Packaging
MAXCUT Abrasive Cutting Fluid	MAXCUT-1000-32	32 oz
MAXCUT Abrasive Cutting Fluid	MAXCUT-1000-128	1 gallon
MAXCUT 2 Abrasive Cutting Fluid	MAXCUT2-1000-32	32 oz
MAXCUT 2 Abrasive Cutting Fluid	MAXCUT2-1000-128	1 gallon

300 mm MAXCUT Abrasive Blades (32 mm Arbor)

Pace Product Name	Catalog Number	Packaging
Soft non-ferrous metals (aluminum, tin, copper, zinc, etc.)	MAX-E300	10
Hard non-ferrous metals	MAX-C300	10
Soft steels	MAX-E300	10
Case hardened steels	MAX-D300 or H300	10
Hard Steels	MAX-D300 or H300	10
Universal Thin Blade	MAX-A300	10
General Purpose Blade	MAX-I300	10



PACE TECHNOLOGIES

3601 E. 34th St.
Tucson, AZ 85713 USA
Phone 520-882-6598
FAX 520-882-6599
www.metallographic.com
email pace@metallographic.com

Technical Data

Specification	MEGA-T300
Cut-off size (Max diameter)	300 mm (12-inch)
Cutting Capacity	Max dia. 4" or 2.7" x 7.5"
Wheel Feed	Manual
Table Dimensions	12" x 9" (300 x 230 mm)
Cooling Unit	16 gallons (60 l)
Motor Power	5.5 hp (4 KW) (3-phase)
Electrical Specifications	220, 380, 400, 480V 50/60 Hz (3 phase)
Model Type	Bench
Weight (lbs)	350 lbs (160 kg)
Dimensions (WxDxH)	36" x 34" x 26" (32" with hood open) 90 cm x 86 cm x 65 cm (82 cm with hood open)

