

# **DACE<sup>®</sup>** **TECHNOLOGIES** *www.metallographic.com*



# **MEGA-T350A** **Abrasive** **Cutter**

**MEGA-T350A**  
**Variable Speed**  
**350 mm (~14-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**

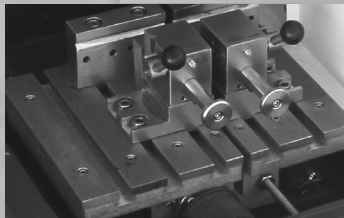
## **MEGA-T350A Automated / Manual Abrasive Cutter**

- 14-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

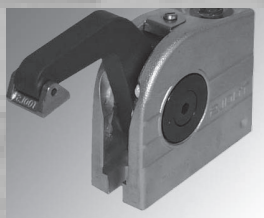
- 5.6-inch no touch high resolution display
- Electronic braking for safety
- Removable side panels for pass through longer samples
- Highly reproducible
- External rinse nozzle for easy cleaning
- Cutting capacity up to 4.5-inch (115 mm solid stock or 3 x 6-inch (75 x 150 mm) samples using 350 mm (~14-inch) blade
- Powerfull 10.3 (7.7 KW/21Nm) constant torque servo motor
- Twin t-slotted stainless steel tables
- Easy to use



## Clamping Systems for MEGA-T350A 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-E350	10
Hard non-ferrous metals (titanium)	MAX-C350	10
Soft steels	MAX-E350	10
Case hardened steels	MAX-VHS350	10
Hard Steels	MAX-VHS350	10
Universal Thin Blade	MAX-A350	10
General Purpose Blade	MAX-I350	10
Diamond Blade	DMAX-350	each



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### Technical Data

Specification	MEGA-T350A
Cut-off size (Blade diameter)	350 mm (14-inch)
Arbor size	32 mm (~1.25-inch)
Cutting Capacity	Max diameter 4.5-inch (115 mm)
Cutting Capacity (HxD)	Maximum 3 x 6-inch (75 x 150 mm)
Wheel Feed & Table Feed	Manual / Auto
Vertical movement (z-axis)	4.5-inch (115 mm)
Table feed movement (y-axis)	3-inch (75 mm)
Screen display	5.6-inch non-touch
Dimensions (WxDxH)	42 x 42 x 64-inch (hood closed) 42 x 42 x 70-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	Floor
Weight	650 lbs (300 kg)