

PACE[®] **TECHNOLOGIES**

www.metallographic.com

MEGA-M250V **Abrasive** **Cutter**

MEGA-M250V
Variable Speed
10-inch Abrasive Saw

Applications:

-Ferrous metals
-Non-ferrous metals

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



MEGA MEGA-M250V Wheel **Feed Cutter**

- Variable speed
- **Highly reproducible**
- **Easy to use**
- **User friendly**
- **Robust and durable design**
- **Low cost**
- **Easy to service**
- **Support Table (optional)**

- Wheel feed controlled cutting
- Cutting capacity up to 3 inches (75 mm) solid stock sample using 10-inch (250 mm) blade
- High leverage handle for better control
- Powerful 3 hp (2.2 KW) 3-phase motor
- Twin t-slotted stainless steel table
- Electronic braking system

Benefits

- Variable speed allows for maximizing cutting blade performance while minimizing damage to the specimen
- Preset speeds 2500, 3000 and 3500 rpm (with variable speed from 1500-3500 rpm)

Manual Cutting

- The MEGA-M250V abrasive saw is a manual wheel variable speed feed cutter.

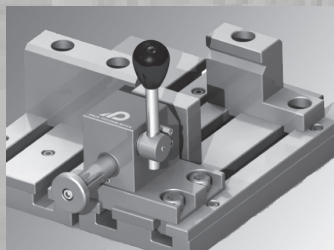


MEGA Cutter
Support Bench

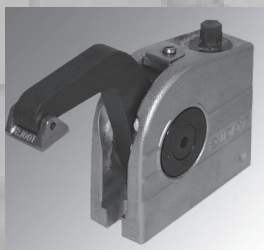


Machinery directive 2006/42/EC
Low Voltage Directive 2006/95/EC
Electromagnetic Compatibility directive 2004/108/EC

Clamping Systems for MEGA-M250V 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-1000-128	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
MAXCUT OL1000 Water Soluble Emulsion Abrasive Cutting Fluid	MAXCUT-OL1000-128	1 gallon
MAXCUT OL1000 Water Soluble Emulsion Abrasive Cutting Fluid	MAXCUT-OL1000-5G	5 gallons

10-inch MAXCUT Abrasive Blades (32 mm) 1.25-inch Arbor

Pace Product Name	Catalog Number	Packaging
Soft non-ferrous metals (aluminum, tin, copper, zinc, etc.)	MAX-E250	10
Hard non-ferrous metals	MAX-C250	10
Soft steels	MAX-E250	10
Case hardened steels	MAX-VHS250	10
Nickel, Superalloys	MAX-D250 or D250-RT	10
Hard Steels	MAX-VHS250	10
Universal Thin Blade	MAX-A250	10
General Purpose Industrial Blade	MAX-I250	10



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Technical Data

Specification	MEGA-M250V
Cut-off size (Blade diameter)	10-inch (250 mm)
Cutting Capacity	Max dia. 3-inch (75 mm)
Speed	Preset: 2500, 3000, 3500 rpm Variable: 1500-3500 rpm
Wheel Feed	Manual
Dimensions (WxDxH)	28 x 30 x 24-inch (hood closed) 28 x 26 x 33-inch (hood open)
Table Dimensions	8.25 x 8.9-inches (210mm x 230mm)
Cooling Unit	16 gallons
Motor Power	3 hp (2.2 KW)
Electrical Specifications	208Y, 480V 50/60 Hz (3-phase)
Model Type	Bench top
Weight	350 lbs (160 kg)
Support Table (optional)	Part No. MEGA-BENCH

