

# **PACE<sup>®</sup> TECHNOLOGIES**

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



## **PENTA-7500 Belt Grinder**

PACE Technologies  
3601 E. 34th St  
Tucson, AZ 85713 USA  
Phone +1 520-882-6598  
FAX +1 520-882-6599  
[www.metallographic.com](http://www.metallographic.com)  
email: [pace@metallographic.com](mailto:pace@metallographic.com)

### **PENTA 7500 Fast and Simple**

**Applications:**  
-High stock removal  
-Squaring mounted specimens



### **PENTA-7500 Belt Grinder**

- 4-inch x 36-inch belts
- Wet or dry grinding
- Manual grinder
- Easy to change abrasive belts
- Easy to use
- User friendly
- Robust and durable design
- Low cost
- Easy to service

The PENTA-7500 belt grinder (Part No. PENTA-7500) offers the ability to rapidly planarize a specimen or to grind it to the desired area of interest. The unique benefit the PENTA-7500 offers for planarizing specimen

mounts, is especially useful for maintaining a square mount and minimizing the preparation time for automated polishing machines.

### **•Benefits**

- High torque motor (110V or 220V)
- Easy to change belt and tracking control
- Specimen square holding device for maintaining or for squaring up mounted specimens
- Rinse tank
- Emergency Stop button
- Water tight ON/OFF switch



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



## Technical Specifications:

Feature	Specification
Single Belt	4 x 36-inch (102 x 914 mm)
Belt Speed	43 ft/second (13 m/s)
Construction	Aluminum casting / fabricated metal
Motor Power	550 W (0.75 hp)
Dimensions (WxDxH)	20 x 24.75 x 14.75 -inch (510 x 630 x 375 mm)
Weight	120 lbs (53 kg)
Part No.	PENTA-7500

## Accessories

Description	Catalog Number
1-inch holder for square holder fixture	P75-100H
1.25-inch holder for square holder fixture	P75-125H
1.5-inch holder for square holder fixture	P75-150H
25 mm holder for square holder fixture	P75-25H
30 mm holder for square holder fixture	P75-30H
40 mm holder for square holder fixture	P75-40H

## Abrasive Belts

Description	Catalog Number
60-grit (4 x 36-inch) zirconia belt	ZrO2-B060
120-grit (4 x 36-inch) zirconia belt	ZrO2-B120
120-grit (4 x 36-inch) alumina belt	ALO-B120
60-grit (4 x 36-inch) SiC belt	SIC-B60
80-grit (4 x 36-inch) SiC belt	SIC-B80
120-grit (4 x 36-inch) SiC belt	SIC-B80
180-grit (4 x 36-inch) SiC belt	SIC-B180
240-grit (4 x 36-inch) SiC belt	SIC-B240

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