

## Product Brochure For L0961V

### Radius Master Pedestal Belt Grinder / Linisher - Series 2 - RM48AE-VS

50 x 1220mm Belt Size

Variable Speed - Digital Readout



**Ex GST**  
**\$2,908.18**

**Inc GST**  
**\$3,199.00**

|                                   |                         |
|-----------------------------------|-------------------------|
| ORDER CODE:                       | L0961V                  |
| MODEL:                            | RM48AE-VS               |
| Type:                             | Belt Grinder / Linisher |
| Mounting Type - Bench / Pedestal: | Pedestal                |
| Includes Stand:                   | Yes                     |
| Belt Size (mm):                   | 50 x 1220mm             |
| Belt Speed (fpm / mpm):           | 3000 / 914              |
| Motor Speed (rpm):                | 400 - 2500              |
| Motor Power (kW / hp):            | 1.5 / 2                 |
| Voltage / Amperage (V / amp):     | 240 / 10                |
| Nett Weight (kg):                 | 50                      |



#### Description

The Best Knife Making Machines & Belt Grinding Machines In The World

Radius Master's unique design provides a multitude of functions via 7 work stations, each readily available in seconds and without tools, using an easy to operate index knob. Only the Radius Master brand of machines are capable of tracking the latest heavy duty polyester backed ceramic belts. 7 work stations provide a wide variety of surface finishing, intricate product de-burring, tube notching, profiling and precision sharpening of drills and cutters.

Radius Master provides accurate tracking performance, allowing notching into sharp corners for better product finishing and significant savings on consumables, such as belts and contact wheels.

Lightning fast belt changes, 7 work stations and 5 contact wheels result in savings of hours per day on many jobbing, restoration and prototype work.

Designed for engineers, fabricators, welders, fitters, balustrade and stainless specialists, foundries, toolmakers, knife makers, rural manufacturers, mechanics, restorers, aircraft engineers, medical equipment manufacturers, sculptors, model makers and manufacturers of many wood and plastic products.

The Radius Master multi station belt grinder can do it all!

#### Features

- Variable Speed Motor
- Digital Readout
- Programmed for 300 RPM to 1600 RPM\*. Can be programmed outside these parameters by special request.
- Provides smooth constant torque performance.
- \*Standard motor speed is 1500 RPM.
- 7 work stations, 5 contact wheels (Ø25-Ø200mm), side tilt for pipe notching - all instantly accessible
- Uses include contouring, squaring, facing, deburring (inside tube included), sharpening, all stainless finishes, texturing, micro finishing and polishing
- Outstanding tracking allows notching sharp corners at the very edge of the belt. 3 x Plus better belt life
- 2m lead and plug provided
- Can be laid on its side for profiling pipe notching etc. Table tilts to 45°
- The only belt grinder that accurately and rigidly tracks the heaviest backed belts (essential in drill & cutter sharpening)
- Sealed bearings teflon gaskets - adjustable pivots give many years life expectancy - Designed from 35 years experience in belt grinding
- Internal, external and hollow grinding on 5 contact wheels
- Flat grinding in vertical and horizontal position

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- Edge grinding on tool rest (tilts up 20° and down 45°)
- Slack belt grinding in horizontal and vertical positions
- Its accurate tracking is an unmatched asset in precision sharpening of small drills & cutters and allows the use of cut down belts to 8mm for finishing & deburring difficult contours.
- Tracking mechanism will never lose it's precision as vital pivots are sealed ball bearings
- Deburring of tube inside and outside
- Performance and durability backed by a 2 year commercial warranty
- Unmatched accuracy, versatility, performance & durability
- 50 x1220mm belt (6 sec belt change)
- 240V 1.5kW MOTOR totally enclosed with overload protection
- 20 year life expectancy
- Includes Pedestal stand
- Made in Australia

### Includes

- Tilting top stand & base plate
- Tool rest
- Notching tilt table
- 1 x zirconia belt
- 5 contact wheels (Ø25-200mm)

### Optional Accessories

- Platen Table (L097)
- Base Board on Wheels (L098)

### Specific Features



Small Wheel Selection for Notching & Contouring



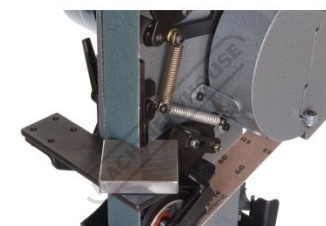
For Fine Sharpening or Fast Metal Removal



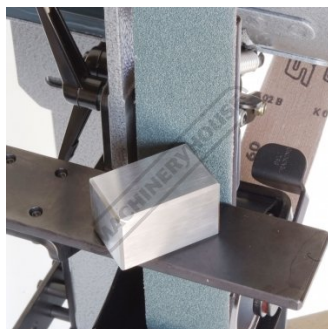
Hollow Grinding & Micro Finishing on 8 inch Precision Ground Wheel



Flat Grinding on Platen



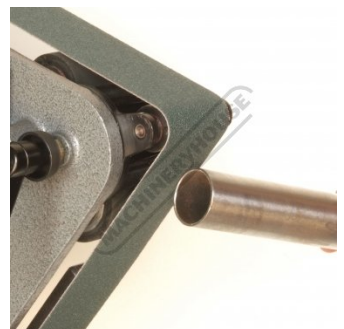
Accurate Tracking Produces Sharp Corners on Quick Release Toolrest



Accurate Squaring & Chamfering



Internal Pipe Chamfering

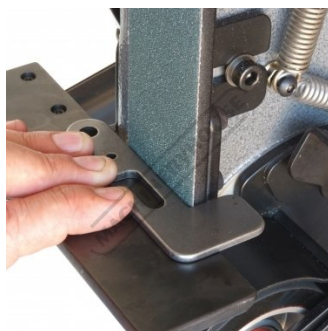


External Pipe Chamfering

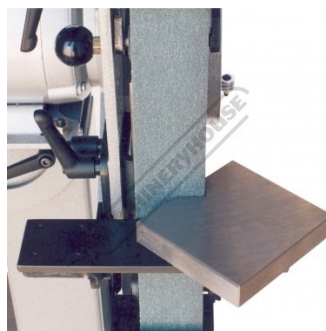
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De burring & Finishing Irregular Shapes



Irregular Shapes



Accurate Notching



Includes Pedestal Stand



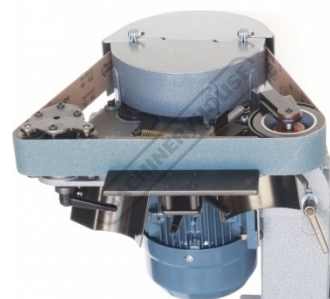
Optional Tilting Table for Contouring & Pipe Notching



Optional Tilting Table for Contouring & Pipe Notching



Optional Mobile Base (L098)



Optional Platen Table (L097)

## Recommended Accessories

L097

Platen Table

L097A

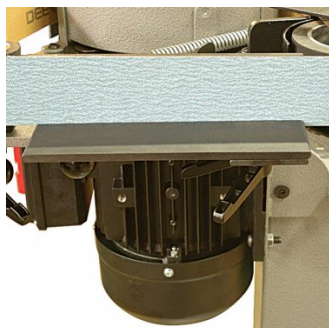
Hollow Grinding Jig

L098

Base Board on Wheels

A8030

40G Aluminium Oxide Linishing  
Belt Pack



## Product Brochure For L0961V

### A8031

60G Aluminium Oxide Linishing  
Belt Pack



### A8032

80G Aluminium Oxide Linishing  
Belt Pack



### A8033

100G Aluminium Oxide Linishing  
Belt Pack



### A8034

120G Aluminium Oxide Linishing  
Belt Pack



### A8037

40G Zirconia Linishing Belt Pack



### A8038

60G Zirconia Linishing Belt Pack



### A8039

80G Zirconia Linishing Belt Pack



### A8040

100G Zirconia Linishing Belt  
Pack



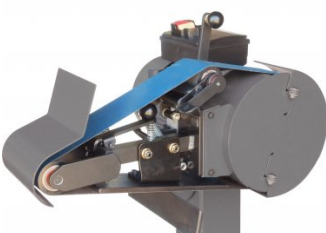
### A8041

120G Zirconia Linishing Belt  
Pack



### L099

Select-A-Rad Pedestal Belt  
Grinder / Notcher - Series 2



### G183

Abrasive Belt & Disc Cleaning  
Stick



### W322A

Flame Retardant Dust Hose -  
Metal or Timber

