



## PLC Control Wide Belt Metal Deburring Machine with 15 HP Motor Size Optional Water Cooling or Air Cooling Ensuring Metal Surface Treatment

Our Product Introduction

### Basic Information

- Brand Name: RRP1000



### Product Specification

- Belt Width: Wide (typically 400mm To 1300mm)
- Abrasive Belt Size: 37" X 60"
- Feed Motor: 1 HP To 3 HP
- Machine Type: Deburring Machine
- Application: Metal Surface Finishing
- Shipping Weight: 2150 Lbs
- Feed Speed: 5-25 FPM
- Cooling System: Optional Water Cooling Or Air Cooling
- Highlight: **PLC control wide belt deburring machine, 15 HP motor metal deburring machine, Water cooling air cooling metal surface treatment**

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## Product Description

### Advanced Metal Deburring Solution

The Wide Belt Metal Deburring Machine delivers exceptional performance in metal finishing processes, combining precision, efficiency, and safety for superior deburring results. Engineered for modern manufacturing demands, this robust machine ensures reliable and consistent metal surface treatment across various industrial applications.

### Key Specifications

**Abrasive Belt Size:** 37" x 60"

**Belt Width Range:** 400mm to 1300mm

**Motor Power:** 15 HP

**Cooling Options:** Water Cooling or Air Cooling

**Feed Speed Range:** 5-25 FPM

**Operating Speed:** 5-30 meters per minute

### Product Features

- PLC Control System for precise operation
- Wide abrasive belt accommodates large metal pieces and complex shapes
- Brush and Disc heads for versatile surface treatment
- Automatic deburring capabilities reduce manual labor
- Emergency stop button and protective covers for operator safety
- Heavy-duty construction for precision edge chamfering
- Uniform material removal and smooth finish guaranteed

### Industrial Applications

This automatic deburring machine is essential for industries requiring smooth, burr-free metal parts. Ideal for automotive, aerospace, electronics, and metal fabrication sectors where precision and surface quality are critical.

#### Primary Applications Include:

- Metal surface finishing and refinement
- Burr removal from machined components
- Edge chamfering and smoothing
- Surface polishing and preparation
- Processing aluminum, stainless steel, and various alloys

### Customization Options

Our RRP1000 model offers comprehensive customization services to meet specific manufacturing needs. Choose between water cooling or air cooling systems, and tailor machine specifications including belt speed, abrasive materials, and dimensions to optimize performance for your application.

### Technical Support & Maintenance

We provide comprehensive maintenance services and technical support for installation, calibration, and repairs. Our support team ensures your machine operates at peak efficiency, extending service life and maximizing productivity.

#### Operational Guidelines:

- Regular maintenance of abrasive belts and tension checks
- Prompt replacement of worn belts for consistent quality
- Operator training on proper machine use and settings
- Routine inspections of electrical and mechanical components
- Always wear appropriate personal protective equipment

## Packaging & Shipping

The machine is securely wrapped with protective materials and placed in sturdy wooden crates to prevent transit damage. We offer multiple shipping options including sea freight, air freight, and land transport. Tracking information provided for all shipments.

**Shipping Weight:** 2150 pounds

**Origin:** China

**Quality Assurance:** Manufactured to international standards



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