1 Head-3 Head Wide Belt Sanding Machine Small Footprint For Metal Finishing / Deburring

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: SKD
- Minimum Order Quantity: 1 set
- Price: USD10000-350000
- Packaging Details: Shrink Wrapped or Woodcase
- Delivery Time: 20-60 days
- Payment Terms: TT
- Supply Ability: 70-100set per year

Product Specification

- Name: Wide Belt Sanding Machine
- Orign: China
- Number Of Heads: 1-3
- Brush Head Diameter: 8″
- Surface Finishing: Deburring, Edge Breaking, Edge Radiussing
- Feed Speed: 15-45 Rpm
- Highlight: **1 Head Wide Belt Sanding Machine**, **3 Head Wide Belt Sanding Machine**, **Wide Belt Sanding Machine Small Footprint**

Our Product Introduction

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Product Description

Wide Belt Sanding Machine

General

This model can be configured for metal finishing or deburring. This versatile group of machines is available in 2 widths with configurations of 1-3 heads. By combining an abrasive belt and a nonwoven roll brush, products can be deburred and rounded in one pass. The machine is produced for deburring laser cut metal and edge rounding of sides, with low user costs.

Technical Data
Number of heads 1-3
Available in multiple configurations depending on customer application
Machine widths of 37″, and 52″
Electronic photo-eye abrasive belt tracking
Dust extraction available
Minikol Go-To bed position device
15-45 fpm feed speed
Up to 40 HP main motors
0-6″ machine opening
8″ minimum part length
6-10″ contact drums
8″ brush head diameter
Oscillating brush heads
High production capacity with increased ROI and reduced operating costs
Increased throughput with the ability to run up to 2 shifts
Deburring, edge breaking, edge radiussing, and surface finishing in one pass using multiple heads
Electronic photo tracking eyes for accurate abrasive belt tracking
Ability to customize configurations based on customer applications
Removal of vertical burrs from stamped, punched, laser, plasma, and water-jet cut parts
Dry operation
Small footprint
In the field of metal processing, wideband sanders are widely used in the following areas:

Removing burrs from metal surfaces: During metal cutting, stamping, welding, etc., burrs and rough surfaces are often left behind. A wide belt sander can quickly and effectively remove burrs from metal surfaces by using a sanding belt or grinding wheel, making it smooth and safe.

Surface Preparation and Finish Improvement: A wide band sander can be used to treat and improve the surface finish of metal workpieces. By using the proper sanding belt and sanding process, scratches, oxide layers, rust, and other unevenness can be removed from the surface, thereby improving the quality and appearance of the metal surface.

Edge Trimming and Chamfering: A wide band sander can trim and chamfer the edges of metal workpieces. It removes sharp edges, making them safer, and improves the appearance quality of the workpiece through chamfering.

Smoothing and Dimensional Control: A wide band sander can be used to flatten the surface of a metal workpiece and control its size and flatness. Through appropriate abrasive belt selection and process parameter adjustment, precise flatness and size requirements can be achieved to meet the design requirements of metal workpieces.

Refining and Polishing: For metal workpieces that require a high degree of finish and fine surface quality, a wideband sander can also be used for refining and polishing. By using fine-grained abrasive belts and a further polishing process, a higher finish and shine can be achieved on the metal surface.

In summary, wideband sanders play an important role in metal processing. It can provide efficient, precise and consistent surface treatment and sanding results to meet the quality requirements of metal workpieces in various industries. Whether in mass production or customized processing, wideband sanders can provide reliable solutions for metal processing companies.

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