



## Metal Wide Belt Sanding Machine Customized Small Footprint

### 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
- Origin: China
- Number Of Heads: 1-3
- Brush Head Diameter: 8"
- Small Footprint: Yes
- Surface Finishing: Deburring, Edge Breaking, Edge Radiussing
- Contact Drums: 6-10"
- Highlight: **Metal Wide Belt Sanding Machine,  
Wide Belt Sanding Machine Customized,  
Wide Belt Metal Sanding Machine Small  
Footprint**

## 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.

#### Here are some key features and functions of a Wide Belt Sanding Machine:

**Sanding Belt:** The machine utilizes a wide sanding belt that is tensioned and driven by rollers. The belt is typically made of abrasive material, such as aluminum oxide or silicon carbide, which is designed to remove material and achieve the desired finish.

**Conveyor System:** The workpiece is placed on a conveyor belt that feeds it through the sanding assembly. The conveyor speed can be adjusted to control the rate of material removal and achieve the desired surface quality.

**Sanding Heads:** The sanding assembly consists of one or more sanding heads, which can be equipped with different types of abrasive belts or brushes. These heads rotate or oscillate to perform sanding, smoothing, and polishing operations on the workpiece.

**Variable Speed and Pressure:** Wide Belt Sanding Machines often feature variable speed controls for the conveyor belt and adjustable pressure settings for the sanding heads. These allow operators to optimize the sanding process based on the material type, desired finish, and specific requirements.

**Dust Collection:** Sanding generates a significant amount of dust and debris. Many Wide Belt Sanding Machines are equipped with integrated dust collection systems to capture and remove the particles, improving air quality and reducing cleanup time.

#### 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

Dry operation

Small footprint



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