



## Precise Control Wide Band Sander , Sheet Metal Deburring Finishing Machine

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 Band Sander
- Finishing: Sheet Metal , Stainless Steel, Aluminum, Copper, Brass, Etc
- Working Width: 1100 And 1350 Mm
- Control: HMI-controller
- Workpiece Thickness: 0.8-100 Mm
- Grinding Belt Drive Up: 11 KW
- Highlight: **Sheet Metal Wide Band Sander,  
Precise Control Wide Band Sander,  
Sheet Metal Deburring Finishing Machine**

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## Product Description

### Metal Finishing Machine

#### General

The wideband sander is a machine specifically designed for surface finishing sheet metal, whether in wet or dry conditions. Its primary purpose is to refine, modify, or shape the substrate to achieve the desired surface quality. Sanding, which involves the use of abrasive heads or disks, is a widely employed method for smoothing surfaces across various materials.

The overall goal of surface finishing is to enhance the aesthetic appeal, durability, and other desired characteristics of the finished component. By utilizing a wideband sander, manufacturers can effectively improve the surface texture and appearance of sheet metal. This includes the removal of rough edges, burrs, or imperfections, as well as the creation of a uniform and polished surface.

To ensure optimal results, the selection of sanding belts is crucial. Different grit sizes are chosen based on the specific surface treatment requirements and the metal material properties. Coarse grits are used for quick removal of larger burrs and surface irregularities, while fine grits are employed for refinement and polishing.

Adjusting the process parameters of the wideband sander is essential to achieve the desired surface treatment. Parameters such as the speed of the abrasive belt, the height adjustment of the workbench, and the contact pressure between the abrasive belt and the workpiece can be customized based on the specific metal material and treatment needs.

Pre-treatment operations may be necessary before using the wideband sander. These operations can involve removing cutting grease, cleaning surfaces, and eliminating oxide layers. Special pre-treatment steps may be required for specific applications such as coating or plating. After the sanding operation, post-processing steps such as cleaning, polishing, or additional surface modifications are typically performed to achieve the final desired surface quality.

Safety precautions are of utmost importance when using a wideband sander. Operators must adhere to strict safety procedures, including wearing appropriate personal protective equipment and following proper machine setup and usage guidelines. Adequate training and compliance with relevant safety regulations are essential to prevent accidents and ensure operator well-being.

#### Technical Data

Working widths 1100 and 1350 mm	Grinding belt length 1900 mm
Working height 800-900 mm (variable)	Infinitely adjustable feed speed (1–10 m/min)
Version with 1 to 2 grinding stations	HMI-controller
Workpiece thickness 0.8-100 mm	Grinding belt drive up to 11 kW



**SKD Machinery(Qingdao)Co. Ltd.**



+86 186 5321 8199



[skdmachinery@126.com](mailto:skdmachinery@126.com)



[skdmachinery.com](http://skdmachinery.com)

Workshop C-16 No.1 Zhenping Road,Sifang,Qingdao