



Safety Metal Surface Finishing Machine 1100mm 1350mm Working Width

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: Metal Surface Finishing Machine
- 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: **Safety Metal Surface Finishing Machine,
Metal Surface Finishing Machine 1100mm,
Metal Surface Finishing Machine 1350mm**

Product Description

Metal Finishing Machine

General

This is a machine to do Surface finishing one sheet metal , wet or dry, to refine, modify, or shape a substrate. Sanding is a common option for finishing various materials utilizing abrasive heads or disks to smooth a surface. The overall goal of finishing is to increase the aesthetic appeal, durability, and other characteristics of a finished component.

When it comes to more details on the use of wideband sanders in metal finishing, here is some supplementary information:

Sanding Belt Selection: A wide belt sander uses an abrasive belt for sanding operations. The choice of abrasive belt depends on the desired surface treatment and the characteristics of the metal material. Different sanding belts have different grit sizes (grit numbers) and can be used to treat different surface textures and requirements. Coarse grit is used for quick removal of larger burrs and surface unevenness, while fine grit is used for refinement and polishing operations.

Sanding process parameters: The process parameters of the wideband sander can be adjusted according to the specific metal materials and requirements. These parameters include the speed of the abrasive belt, the height adjustment of the workbench, the contact pressure between the abrasive belt and the workpiece, etc. By adjusting these parameters, an appropriate sanding effect can be obtained to meet the needs of metal surface treatment.

Pre-Treatment and Post-Treatment: Before using a wideband sander for metal surface preparation, some pre-treatment operations may be required. This can include removing cutting grease, cleaning surfaces, removing oxide layers, etc. For some special requirements, such as coating or plating, special pre-treatment steps may be required. After the sanding operation is completed, post-processing such as cleaning, polishing or other surface modifications is usually required to obtain the final desired surface quality.

Safety Precautions: Strict safety operating procedures must be followed when using a wideband sander for metal surface preparation. This includes wearing appropriate personal protective equipment (e.g., goggles, gloves, earplugs, etc.) and ensuring the machine is set up and used correctly to avoid accidental injuries. Operators should be trained and comply with relevant safety guidelines and regulations.

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



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