



Lanuss LSD-162

Manual Deburring and Polishing Machine

Precision Surface Finishing



OVERVIEW

The Lanuss LSD-162 is a compact and versatile manual deburring and polishing machine, purpose-built for precision surface finishing across a wide range of industrial applications. Its ergonomic design ensures comfortable, controlled handling during operation, while the sturdy construction delivers consistent, long-term performance in demanding environments.

Whether working with metal, wood, or plastic, the LSD-162 provides reliable, high-quality results with minimal setup and maintenance.



FEATURES



Ergonomic, Manual Operation

Features a mechanical self-balancing polishing arm that allows precise surface finishing with light manual pressure, reducing operator fatigue.



Intelligent Vacuum Suction Table

The automatic vacuum adsorption workbench securely holds workpieces flat—no need for clamps, providing both efficiency and safety.



Dual, Rotatable Grinding Heads

Equipped with two grinding heads that can rotate 180° instantly for quick tool changes—boosting productivity and flexibility.



Compact & Durable Design

Sturdy construction with a small footprint—perfect for limited space in job shops or prototyping environments.



Wide Compatibility & Versatility

Processes diverse flat materials (metal, wood, plastic), with adjustable speed (500–1400 rpm) and multiple brush/disc options to fine-tune finishing.



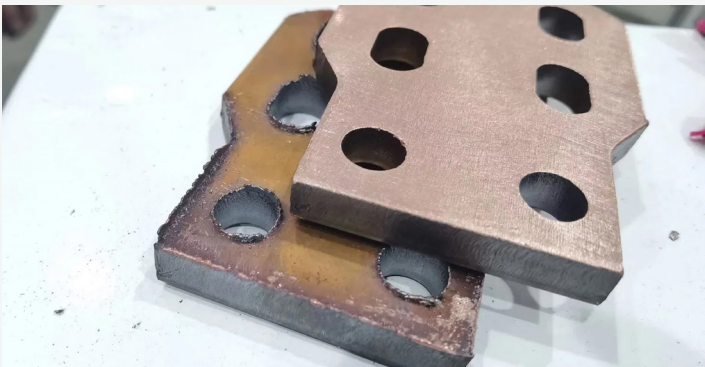
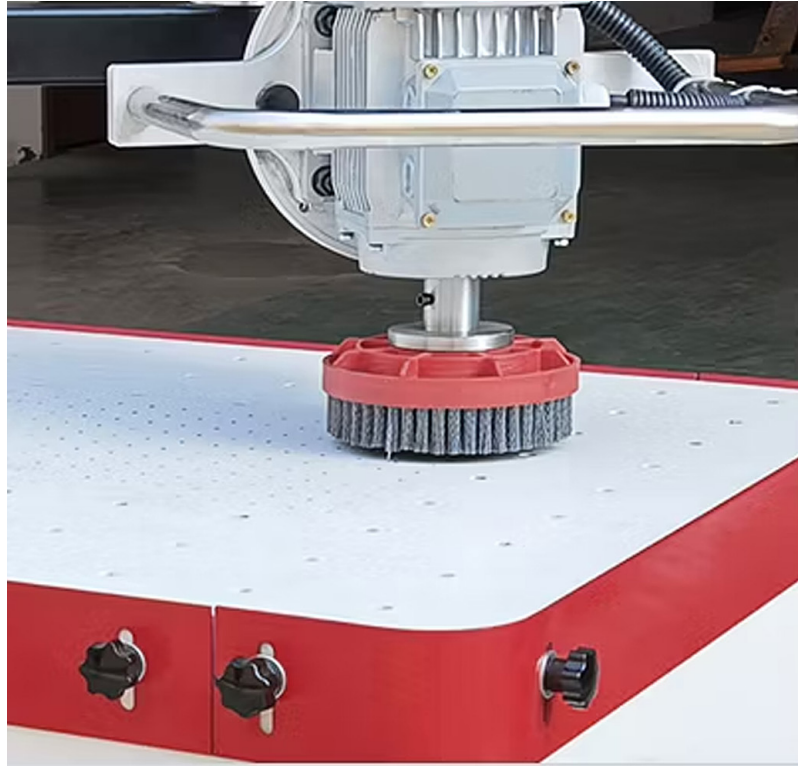
Material & Surface Flexibility

Great fit for laser-cut, punched, stamped flat parts, with capability to deburr, edge-round, polish, or remove slag & oxide layers. Works across a wide range of metals.

HOW IT WORKS

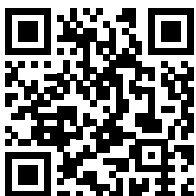
The LSD-162 combines a stable workbench with a mechanical polishing arm, making it ideal for small-batch metal plate processing, including surface polishing, slag removal, and deburring. Operation is simple—only light manual pressure is needed to achieve the desired grinding strength. The automatic vacuum adsorption workbench securely holds parts flat without the need for clamps, ensuring both efficiency and safety.

A range of disc brushes can be selected to match different workpieces, delivering the best finishing results. The built-in vacuum system collects dust and debris directly at the source, helping to protect operators' health and maintain a clean workspace. Equipped with two grinding heads, the machine allows quick tool changes with a simple 180° rotation—boosting convenience, safety, and energy efficiency.



SPECIFICATIONS

Parameters	LSD-162
Dimensions (L x W) (mm)	1250 x 750 x 1500
Working Width (mm)	1200 x 750
Processing Thickness	0.5 ~ 150 mm
Dust Extraction Volume	1000 m ³ /h
Total Power	5 kW
Edge Reach / Arm Mobility	~1200 × 360° range
Speed Range	500–1400 rpm
Disk Brush Size	φ162 mm
Sandpaper Tray Size	φ150 mm
Vacuum Adsorption Area (mm)	420 x 280
Installation Requirements	Adequate Installation Space (1.5m x 1.5m) 380V, 50Hz Power Supply (±10%) Clean Compressed Air and Gas Source



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LASER MACHINES