LASER MACHINES



LSG Series

Deburring, Sanding, and Polishing Machine

OVERVIEW

The Lanuss LSG Series is a high-performance range of automatic deburring machines designed to deliver efficient, consistent deburring and edge rounding for laser-cut sheet metal parts. Combining abrasive belt and brush technologies in a dry processing system, the LSG Series helps manufacturers achieve smooth, clean edges and a uniform finish across a wide range of metal components.

Engineered for versatility, the LSG Series is suitable for processing materials including carbon steel, stainless steel and aluminium. Its abrasive finishing systems help remove burrs and sharp edges left behind during laser cutting, improving part quality and helping prepare components for subsequent manufacturing processes.

Designed to support reliable, repeatable results, the LSG Series provides an effective alternative to labour-intensive manual deburring and edge finishing. By automating these processes, manufacturers can reduce manual handling, improve production efficiency and maintain more consistent finishing standards across batches of parts.

The dry working process eliminates the need for wet processing during deburring, while the combination of abrasive belts and brushes supports effective edge treatment and surface finishing. Whether handling smaller sheet metal components or larger workpieces, the LSG Series offers a practical solution for fabricators, job shops and manufacturers looking to improve workflow efficiency without compromising on finish quality.

FEATURES

Touchscreen Control Panel
Intuitive interface for quick setup, operation, and adjustments.

Heavy-Duty Construction
Robust frame and components ensure long-term durability and stable operation.

Adjustable Conveyor Speed
Optimise feed rate for different materials and finishing requirements.

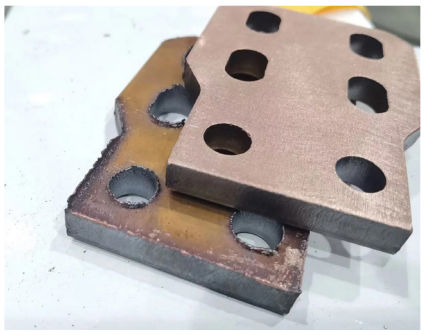
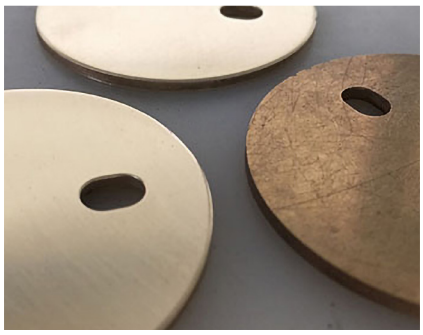
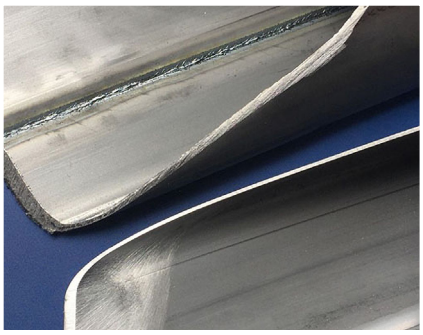
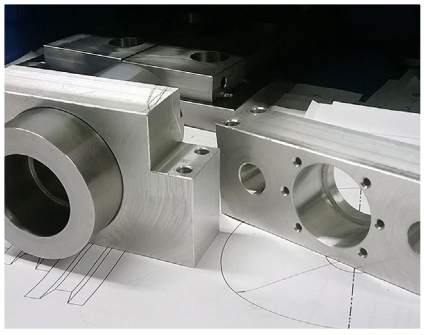
Variable Working Widths
Available in multiple working widths (e.g. 600mm, 1000mm) to suit different part sizes.

Versatile Material Handling
Efficiently processes carbon steel, stainless steel, and aluminium parts from various laser or plasma systems.

Consistent Edge Quality
Delivers reliable deburring and edge rounding, improving downstream processes like coating or welding.

SPECIFICATIONS

Parameters	LSG-B	LSG-C	LSG-WB	LSG-WD	LSG-A
Main Function	Deburring & Edge Rounding	Deburring Only	Edge Rounding & Oxide Removal	Deburring, Edge Rounding & Oxide Removal	All-in-One Versatile Model
Abrasive Belt	✓	✓	X	✓	✓
Rotating Brush	✓	X	✓ (wide brushes)	✓ (wide brushes)	✓
Oxide Removal	X	X	✓	✓	✓
Edge Rounding	✓	X	✓	✓	✓
Working Width Options (mm)	450 - 1600				
Workpiece Thickness (mm)	0.5 - 100				
Conveyor Speed	0.5 - 5 m/min				
Power Requirement	~18 kW	~15 kW	~20 kW	~22 kW	~25 kW



LASER MACHINES

At Laser Machines, we are committed to being Australia's trusted partner for laser cutting machinery and related equipment. Specialising in cutting-edge solutions, we empower businesses with the highest quality machinery and unmatched service and support.

Our solutions-oriented approach prioritises customer satisfaction by delivering reliable products tailored to diverse needs and applications. With a focus on quality and service, we work closely with our clients throughout every step of their journey, ensuring they receive solutions designed to enhance operations and achieve their goals.

Backed by over 70 years of combined experience, our team collaborates directly with manufacturers to drive innovation and deliver machinery that meets the evolving demands of modern industries. At Laser Machines, we don't just supply equipment - we provide expertise, partnerships, and the tools for success.

www.lasermachines.com.au

Factory 17 116-118 Abbott Rd, Hallam VIC 3803

1300 561 963

sales@lasermachines.com.au