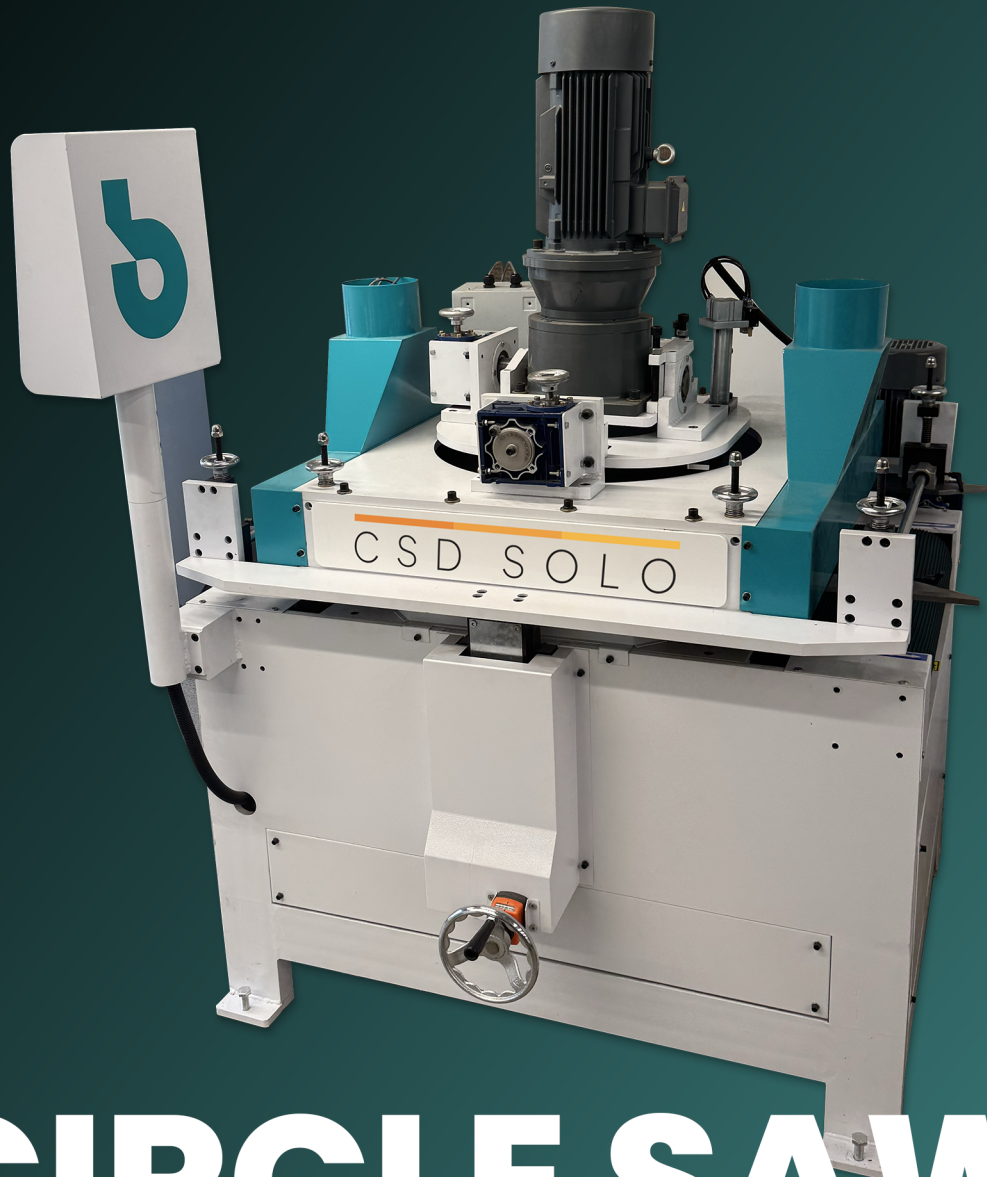

CSD SOLO

boss
MACHINES



CIRCLE SAW DISTRESSING

Backed by over 30 years of woodworking machinery expertise, our solutions are designed and configured to deliver consistent results and maximize efficiency. The end result is higher throughput, reduced rework, and stronger margins—putting more money back into your business.

Built for Quality. Engineered for ROI.

bossmachines.com

Key features and applications

The BOSS CSD 650 Circle Saw Distressing Machine recreates the authentic appearance of traditional re-sawn lumber by producing realistic circle-sawn blade marks reminiscent of antique wood flooring and reclaimed timber. Available, in a single blade and double blade, the CSD 650 is designed for high-volume production, it delivers a consistent handcrafted look while allowing operators to adjust the depth, spacing, and pattern of the saw marks to achieve a wide range of distressed finishes. Ideal for flooring, furniture components, paneling, and decorative wood surfaces, the CSD 650 enables manufacturers to produce premium rustic products that command higher market value while maintaining exceptional production efficiency.

Dry Run Preview Mode – Feed boards through the machine without engaging the blade to verify saw mark coverage before production.

Adjustable Pressure Rollers – Accommodate a wide range of material thicknesses while maintaining consistent pressure and finish quality.

600 mm Diameter Saw Blade – Large-diameter blade creates authentic, full-scale circular saw marks for maximum visual impact.

Heavy-Duty Industrial Construction – Robust steel frame with overload protection ensures reliable performance in demanding production environments.



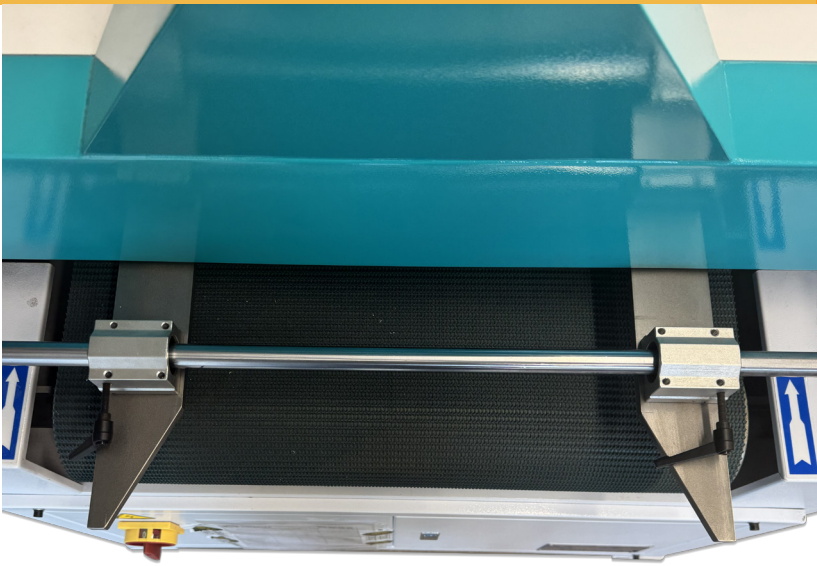
Fully Adjustable Blade Tilt Positioning

Precision gearbox and hand wheel controls allow operators to easily adjust blade angle, tilt, and cutting depth to create a wide variety of authentic random curved saw patterns for a natural reclaimed wood appearance.



Adjustable left and right guide fences

Dual guide fences provide superior stock control and alignment, keeping boards stable through the cutting zone for consistent distressing patterns and repeatable results. Designed for efficient production, the dual-fence system improves accuracy, reduces material movement, and allows operators to confidently process a wide range of board widths.

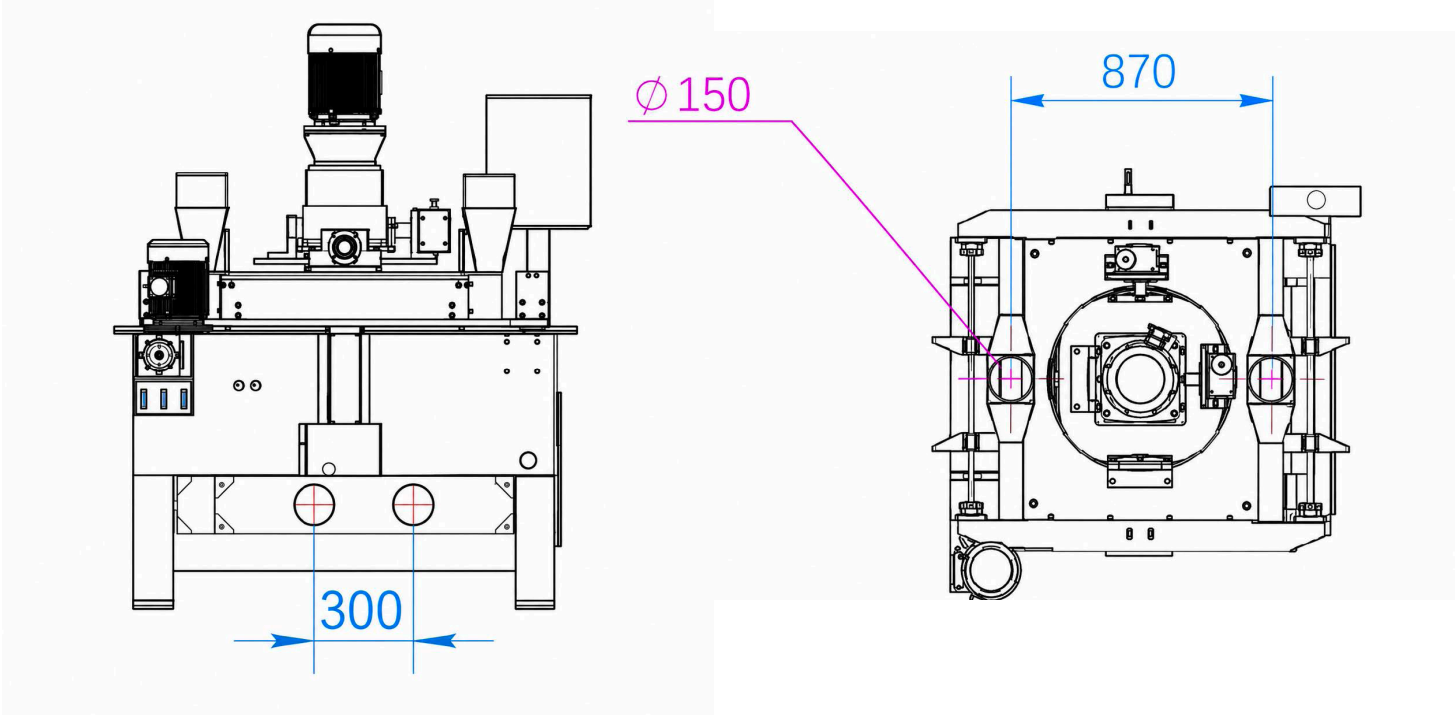


Integrated Control & Safety System

Features an emergency stop and comprehensive operator safety controls, combined with an intuitive control panel with variable speed adjustment for enhanced machine control, flexibility, and safe operation.



Machine layout and dimensions



Technical Specifications

MODEL

- Working width
- Working thickness
- Minimum thickness
- Voltage
- Main Motor Power
- Feed Motor
- Feeding speed
- Production Capacity
- Overall dimension and Weight

CSD 650 SOLO

- 15mm to 650 mm or 5/8" to 25.6"
- 16mm to 200 mm or 0.625" to 7.9"
- 15mm or 5/8"
- 440-460 V/60Hz
- 3HP
- 0.75 HP
- 0-39 ft/min
- 1500 m2 - 16,145 ft. (8 hours)
- 70x48x50" (1,800lbs)



ATACAMA

Widebelt Sanders

Available in 1-5 heads 1000-1600mm widths, intuitive interface, constant pass-line, variety of finishing units for veneer, primer, and high gloss.



EROSION

Denibbing Brush Sanders

Erosion Brush Sanders, available in 1100-1300mm widths, multi-head finishing, denibbing solutions.



KALAHARI

Top & Bottom Sanders

Kalahari Sanders available in 1-3 heads, 1000-1350mm widths, top-bottom double-sided, single-pass processing configurations.



GOBI

Planer Sanders

Gobi Planer Sanders, featured in 2-3 heads, 1000-1300mm widths, combined planing, calibration, and sanding.



SIROCCO

Wirebrush Machines

Sirocco Wirebrush Machines available in 2, 3 and 6 heads, in 600-1600mm widths for texturing and grain enhancement.



CSD 650

Circle Saw Distressing Machines

The SOLO and DUE Circle Saw Distressing Machines are part of a surface enhancement range including embossing and hand-scrape systems.



MAGNITUDE

Moulders

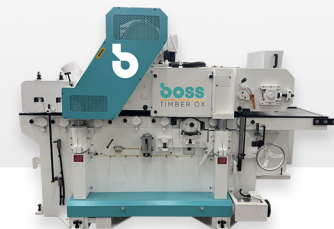
High-precision profiling, heavy-duty production, and intelligent automated setup in solid wood and engineered components.



SEISMIC

Moulders

A traditional production moulder with exceptional accuracy, reliability, and consistent finish quality for a wide range of solid wood applications.



TIMBER OX

Double-sided Planers

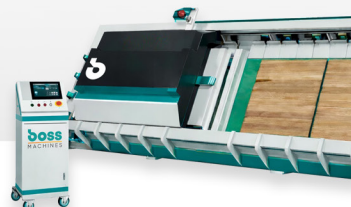
High-efficiency two-face surfacing, precision thicknessing, and industrial timber preparation in solid wood production.



FISSURE

Vertical Resaw

High-speed, high-precision, vertical bandsaw designed for advanced solid wood processing and veneer production.



EPIGLUE

RF Press

High-efficiency vertical press for fast, precise bonding in solid and engineered wood production.



CYCLONE

Packaging Equipment

A complete line of packaging machines geared to woodworking manufacturers, delivering fast, automated end-of-line wrapping for panels, doors, furniture.



Behind every BOSS Machine is a dedicated team committed to keeping your operation running. We pride ourselves on exceptional customer support, earning the trust of customers who have relied on us for decades. Whether you purchase through a dealer or from BOSS Machines directly, our experienced team is here to help —providing phone or video troubleshooting, dispatching service technicians, supplying replacement parts, and ensuring your warranty is registered and supported every step of the way.



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