
C S D 6 5 0

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MACHINES



CIRCLE SAW DISTRESSING

Backed by over 20 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.



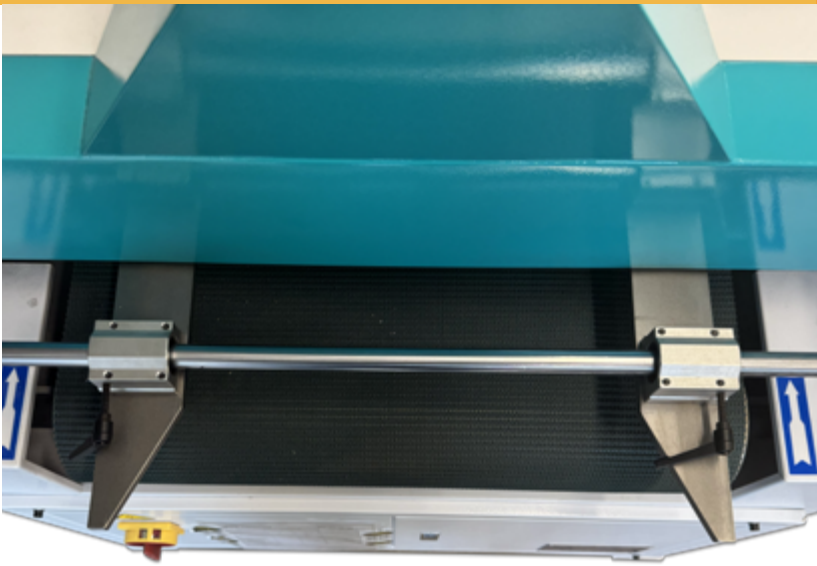
Fully Adjustable Blade Tilt Positioning

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. The CSD DUE (double blade) can create opposing direction circle marks in one pass.



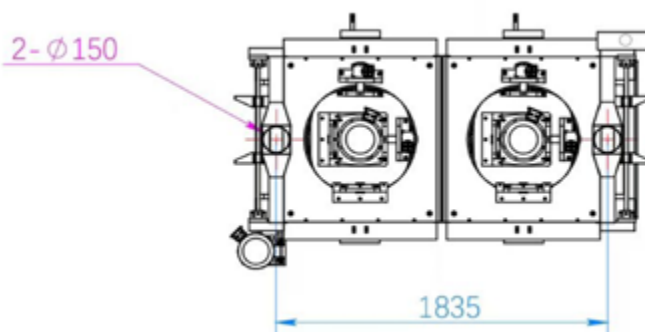
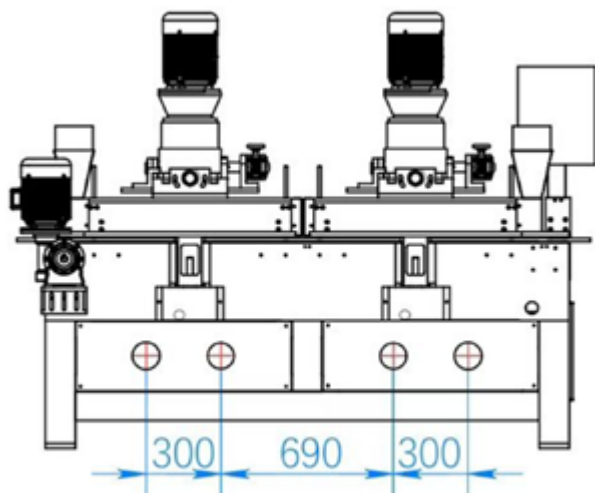
Integrated Control & Safety System

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.

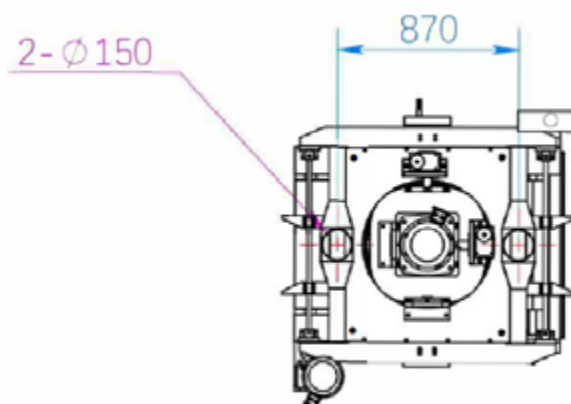
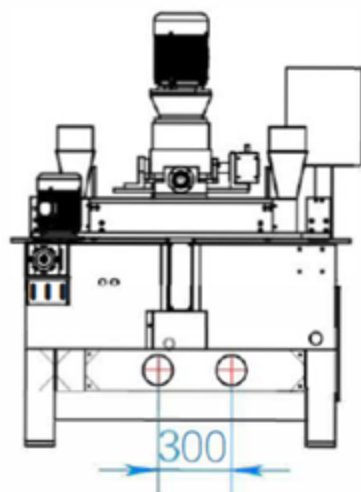


Machine layout and dimensions

C S D D U E



C S D S O L O



Technical Specifications

MODEL

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

CSD 650 DUE

8 to 650 mm
8 to 200 mm
440-460 V/60Hz
6HP (2× 3HP)
0.75 HP
0-39 ft/min
1500 m² - 16,145 ft. (8
hours)
70×85×50" (3,500lbs)

CSD 650 SOLO

8 to 650 mm
8 to 200 mm
440-460 V/60Hz
3HP
0.75 HP
0-39 ft/min
1500 m² - 16,145 ft. (8
hours)
70×48×50" (1,800lbs)



More money back into your operation. Greater throughput, reduced waste, stronger margins — delivered consistently, shift after shift.

Backed by 30+ years of machinery expertise and a team committed to keeping you running. High-wear parts available for next-day shipping — so you get what you need, when you need it.



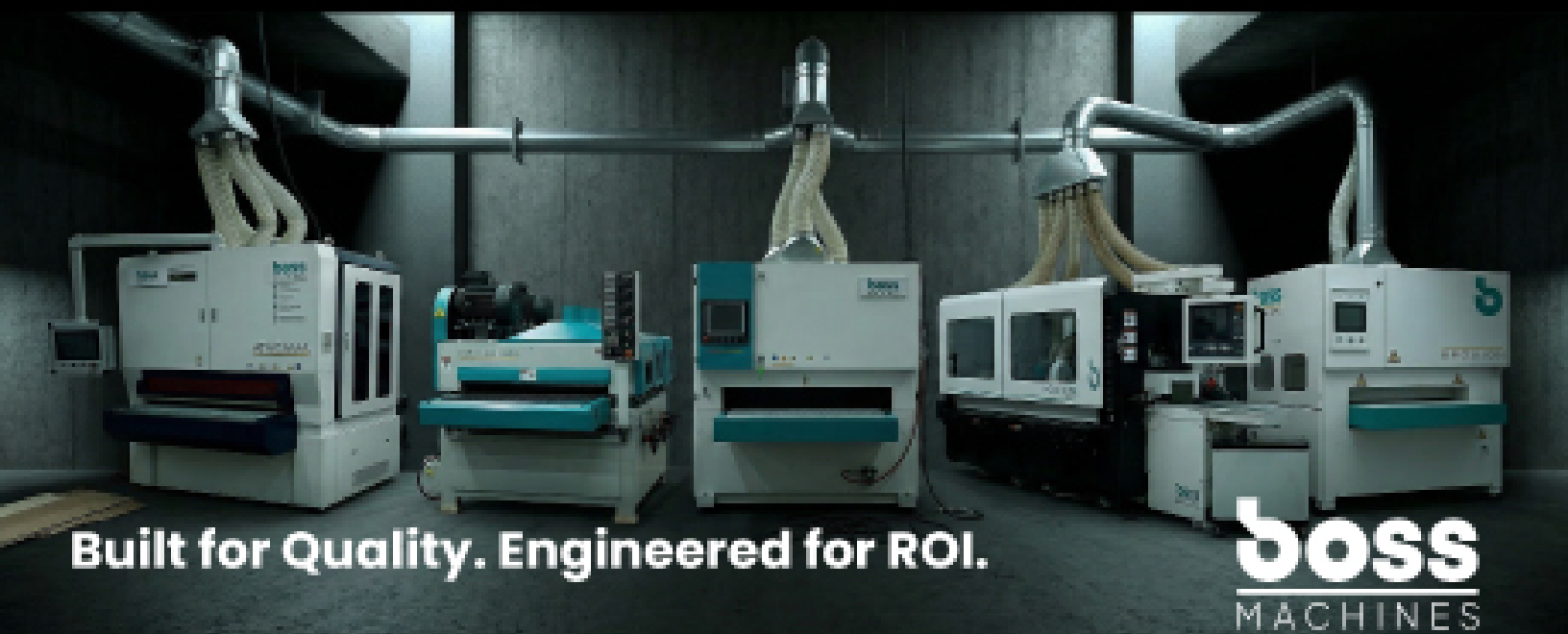
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