
TIMBER OX

boss
MACHINES



DOUBLESIDED PLANER

Designed and configured to deliver consistent, high-quality output at production speeds that maximize efficiency. The result is greater throughput, reduced waste, and stronger margins —putting more money back into your operation.

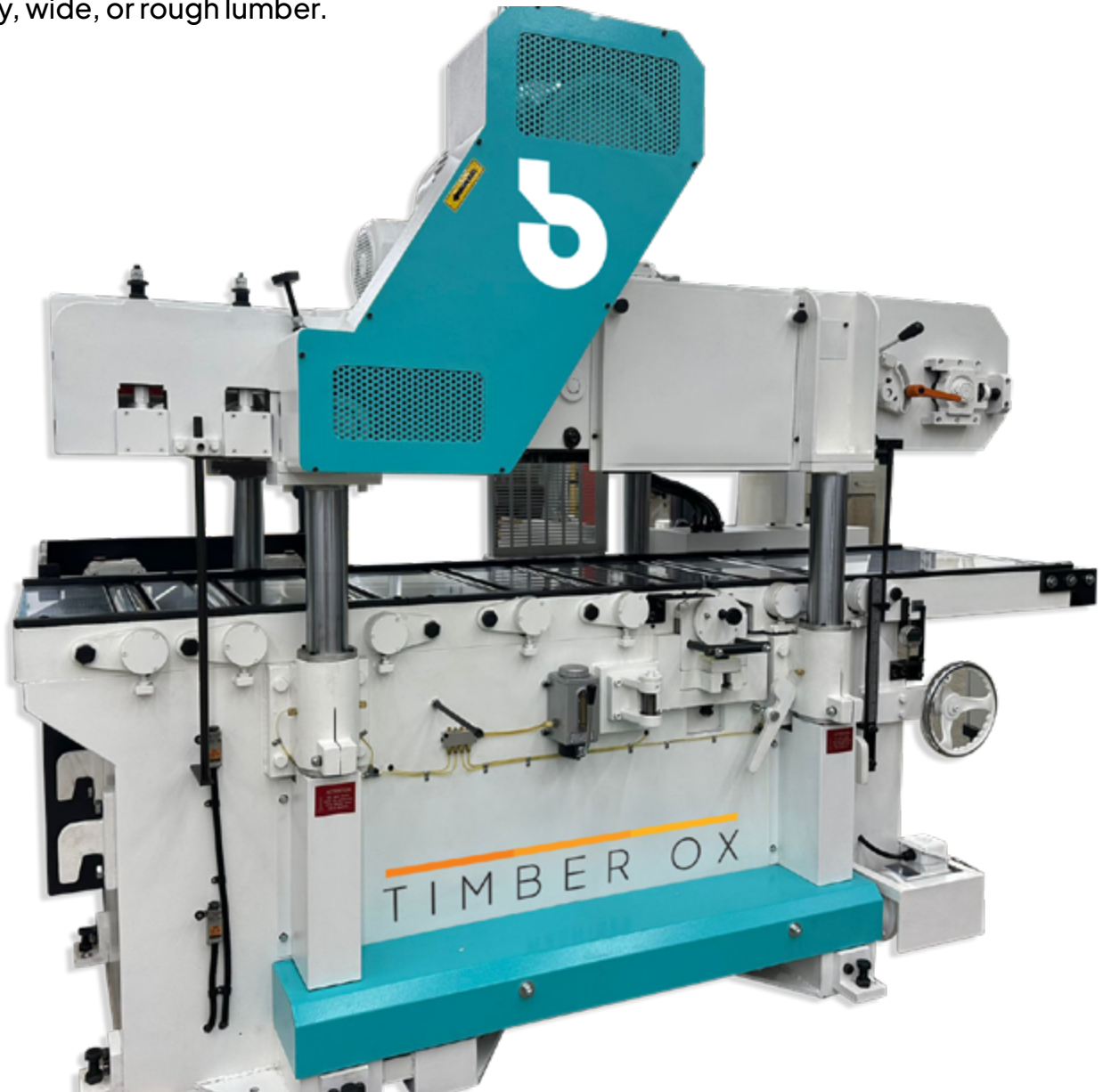
Built for Quality. Engineered for ROI.

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Key features and applications

Built for high-production environments, capable of feed speeds up to 98 FPM with a rigid cast iron frame and industrial cardan shaft drive system for consistent, day-to-day performance. Large diameter spiral cutterheads with two-sided solid carbide inserts deliver aggressive stock removal while maintaining a clean, high-quality finish.

A spring-loaded pin feed system carries material smoothly over the bottom head, while an adjustable infeed bed allows precise control of material removal. Final thickness is set through a digital control, with the top head and feed assembly automatically positioning for fast, accurate setup and repeatable production results. Seven bottom rollers, including three powered rollers, provide strong material support and positive feeding—ensuring stable throughput and consistent tracking, even with heavy, wide, or rough lumber.



Maximum reliability. Maximum flexibility.

With a capacity of up to 24" wide and 14" thick, the Timber Ox is designed for maximum flexibility, allowing manufacturers to process material down to 1/4" for precision planing while also handling heavy-duty applications such as mass timber and glulam beams with ease and consistency.

Central greasing system

The central greasing system provides consistent lubrication to key machine points, reducing friction and wear while extending component life. It minimizes manual maintenance requirements and helps ensure reliable, uninterrupted operation in continuous production environments.



Heavy-duty full cardan shaft assembly

This assembly delivers a rigid, high-efficiency power transmission system designed for continuous industrial operation. By mechanically linking all feed rollers through a precision-balanced drive system, it ensures perfectly synchronized material movement across the entire bed. This eliminates slippage, improves feed consistency, and maintains stable performance even at high feed speeds and under heavy loads. The cardan shaft system enhances overall reliability, reduces wear on drive components, and supports smooth, controlled feeding.



Schneider Electrical Components

Equipped with Schneider electrical components for dependable control, enhanced safety, and long-term operational reliability in demanding production environments. These industry-grade systems ensure consistent machine performance, simplified troubleshooting, and improved serviceability, helping minimize downtime and support continuous production.



VFD drive & electronic controls for simplified precision setup

Production efficiency is enhanced through a VFD-controlled variable feed speed with digital display, alongside digital thickness control for fast, precise setup.

Operational monitoring is simplified with a swivel control panel featuring individual ammeters and an hour meter for maintenance planning. Y-Delta starter configuration provides soft start-up for reduced power demand



Powerful feed system

Heavy-duty feed system engineered for continuous production, delivering consistent and reliable material movement through the planer at high feed speeds. A spring-loaded pin (pin-type carpet) feed system carries material smoothly over the bottom head, ensuring stable support and a consistently flat reference surface throughout the cut. This design improves control on rough, wide, or heavy stock while maintaining steady feed pressure and accurate processing.

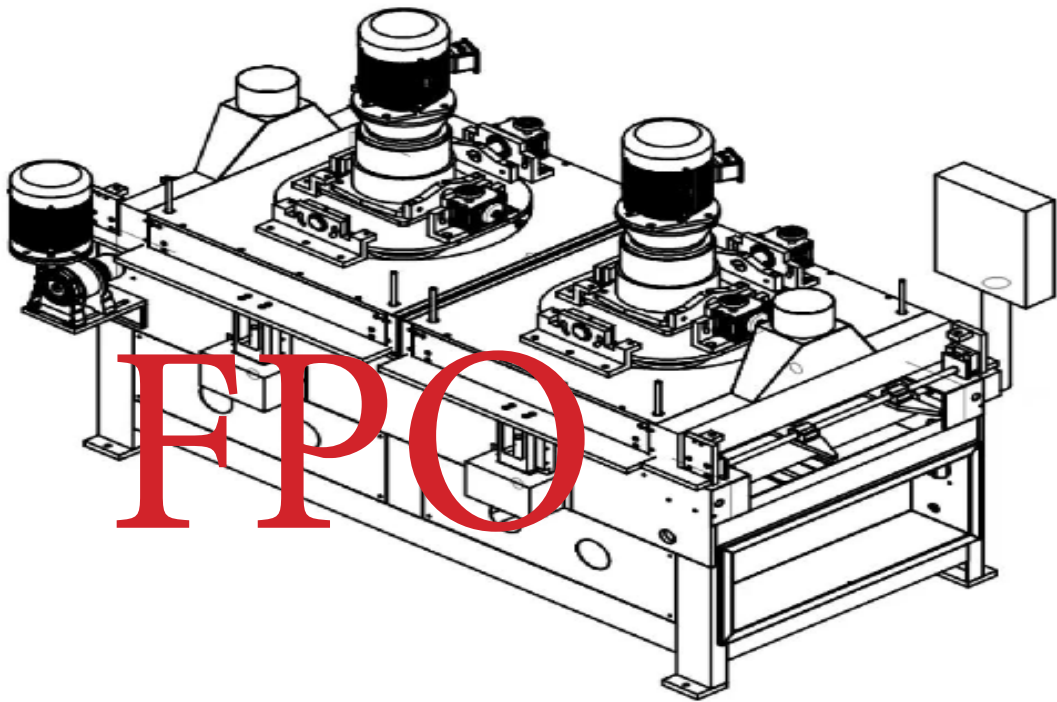
Double-sided solid carbide inserts

30 x 12 x 2.5 mm reversible inserts designed for long-lasting performance, precision cutting, and reduced downtime. Featuring two usable cutting edges, these inserts maximize tool life while maintaining consistent cutting quality and surface finish. Ideal for planer heads and high-production woodworking applications requiring durability, accuracy, and reliable performance.



Layout and dimensions

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Technical Specifications

Max. working width	24"	610mm
Max. working thickness	14"	xmm
Min. working thickness	0.472"	12mm
Min. working length	11.8"	300mm
Cutterhead RPM	4,600 RPM	
Cutterhead diameter	5.3"	135mm
Cutterhead inserts	30x12x2.5mm 105 pc per head (x2)	
Feed speed	0-98 FPM	10 – 30 m/min
Top cutterhead motor	40 HP	
Bottom cutterhead motor	30 HP	
Feed motor	5 HP	
Dust ports	(2) 6" = 3500 CFM	
Table Rolls	7 (3) driven	
Opening hoist motor	1 HP	
Machine weight	9,260 lbs	4200 kgs
Machine dimensions (LxWxH)	112" x 67" x 67"	2830x1700x1700mm
Shipping weight	9,700 lbs	4400 kgs
Shipping dimensions (LxWxH)	116" x 75" x 79"	2950x1900x2000mm
Machine electrics (Standard)	460/3/60 = 110 amps	Other configurations available



ATACAMA

Widebelt Sanders

Atacama our flagship sander line, available in 1-4 heads, 1000-1600mm widths and veneer capable configuration available



EROSION

Brush Sanders

Erosion brush sanders, 1100-1300mm widths, multi-head finishing, texturing, denibbing solutions



KALAHARI

Top & Bottom Sanders

Kalahari sanders available in 1-3 heads, 1000-1300mm widths, top-bottom double-sided, single-pass processing configurations



GOBI

Planer Sanders

Planer sanders, 2-3 heads, 1000-1300mm widths, combined planing, calibration, and sanding



SIROCCO

Wirebrush Machines

Brush sanders, 2, 3 and 6 head, 600-1300mm widths, texturing and grain enhancement



CSD 650

Circle Saw Destressing Machines

The SOLO and DUO 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

Standard profiling and cube (4-sided planer) configuration for high-precision moulding, surfacing, and full-section timber processing



TIMBER OX

Double-sided Planers

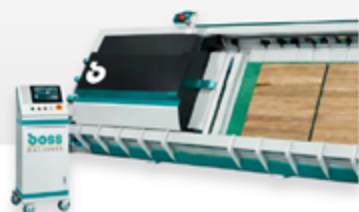
High-efficiency two-face surfacing, precision thicknessing, and industrial timber preparation in solid wood production



FISSURE

Vertical Resaw

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



EPIGLUE

RF Press

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



CYCLONE

Packaging Equipment

High-performance packaging machine series for woodworking manufacturers, delivering fast, consistent end-of-line wrapping for panels, doors, furniture



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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