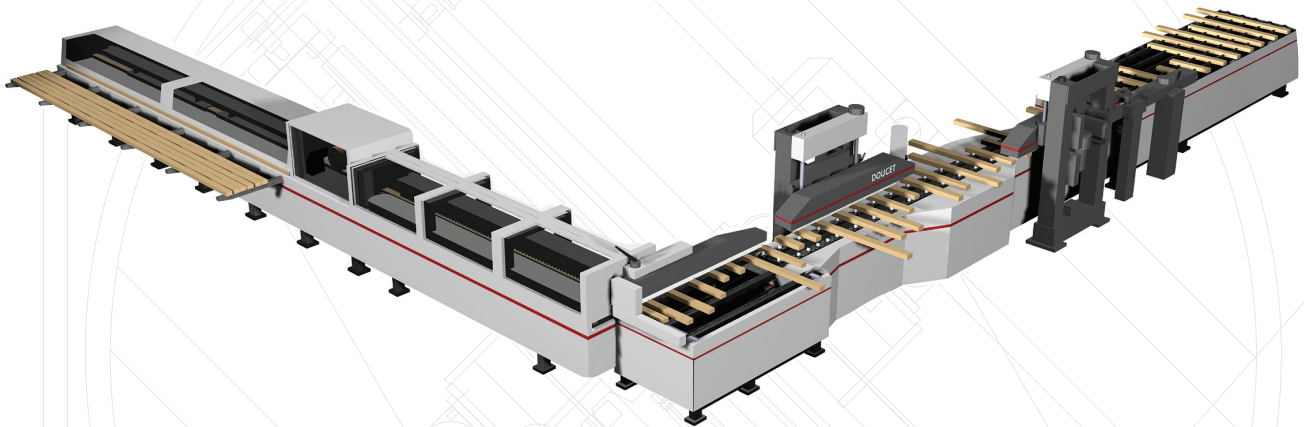


ZX-150

FINGERJOINTER



A VERY-HIGH PRODUCTION UNIT
DESIGNED FOR NON-STRUCTURAL AS WELL AS STRUCTURAL
APPLICATIONS, FOR HARD WOOD AND SOFT WOOD.

DOUCET
PROCESS ENGINEERING
DIVISION

VALUE ADDED SOLUTIONS

www.hoechsmann.com

FOR A COMPLEX WOOD INDUSTRY

ZX-150

FINGERJOINTER

The Doucet ZX-150 is a Double End Fingerjointer with lugs on 9" or 12" centers, a semi-automatic lug loader capable of feeding up to 150 pieces per minute, a fully automatic corner transfer, a pre-assembly tunnel and a 24 foot assembly press expandable in 4 foot increments, up to 40 feet.

THE ZX-150 LUG LOADER INCLUDES

- A semi-automatic feed conveyor with traverse bars
- Synchronous indexing between lug loader and fingerjointer

THE ZX-150 FINGERJOINTER INCLUDES

- Feed speed up to 120 feet per minute powered by a 25 HP electric motor with variable speed drive
- Lug speed up to 150 lugs per minute
- 14" trim saws (2) on 7.5 HP motors, 3400 RPM
- 10" scoring saws (2) on 5 HP motors, 3400 RPM
- Cutterhead spindles (2) for 10 bolt WKW cutterheads on 25 HP soft start motors, 3400 RPM
- Calibration readouts on saws and spindles
- High precision ductile iron chain with automatic chain lubrication and chain cleaning by air-jets
- 4" lug span for 5" to 32" stock
- 7" lug span for 8" to 48" stock
- Compliant hold-down system
- Synchronous even-ender system
- Glue applicator, injection type, controlled by PLC

THE FULLY AUTOMATIC CORNER TRANSFER INCLUDES

- Top and bottom material conveyors
- Pneumatically activated top indexing system

THE HIGH SPEED ASSEMBLY TUNNEL FEATURES

- Feed speed up to 500 feet per minute, powered by electric motors
- Feed speed automatically regulated according to board flow
- Flat chain bottom feed conveyor with stainless contact surfaces
- Double flat chain lateral feed to prevent offset with stainless contact surfaces
- Top hold-down to prevent vertical offset
- Unimpaired access and visibility
- Pneumatic quick release feature

THE AUTOMATIC PRESS INCLUDES

- Broad radius offset corrector (optional)
- Basic assembly press capacity up to 24 feet expandable up to 40 feet
- Up to 10 press cycles per minute
- 14" cross-cut saw on 5 HP motor, 3400 RPM
- Stainless steel contact surfaces
- All four faces of boards held while pressing
- Gull wing top for easy cleaning and maintenance

PRODUCTION CAPACITY

ZX-150 FINGERJOINTER

- LUG SPEED Up to 150 Pieces per Minute
- OUTPUT Up to 240 Feet per Minute

MATERIAL SPECIFICATIONS

ZX-150 FINGERJOINTER

- BLOCK LENGTH 8" to 48" (also 5" to 32")
- BLOCK WIDTH 1.5" to 6" (also 1.5" to 8")
- BLOCK THICKNESS 0.75" to 2"
- FINISHED LENGTH Up to 40 Feet

DISTRIBUTED BY:

DOUCET
PROCESS ENGINEERING
DIVISION

340, 6th Street, Daveluyville, Quebec, Canada G0Z 1C0
Phone: (819) 367-2633 • Fax: (819) 367-2100

Toll Free: 1-866-6RETURN (673-8876)
Email: info@doucetinc.com • www.doucetinc.com

www.hoechstmann.com