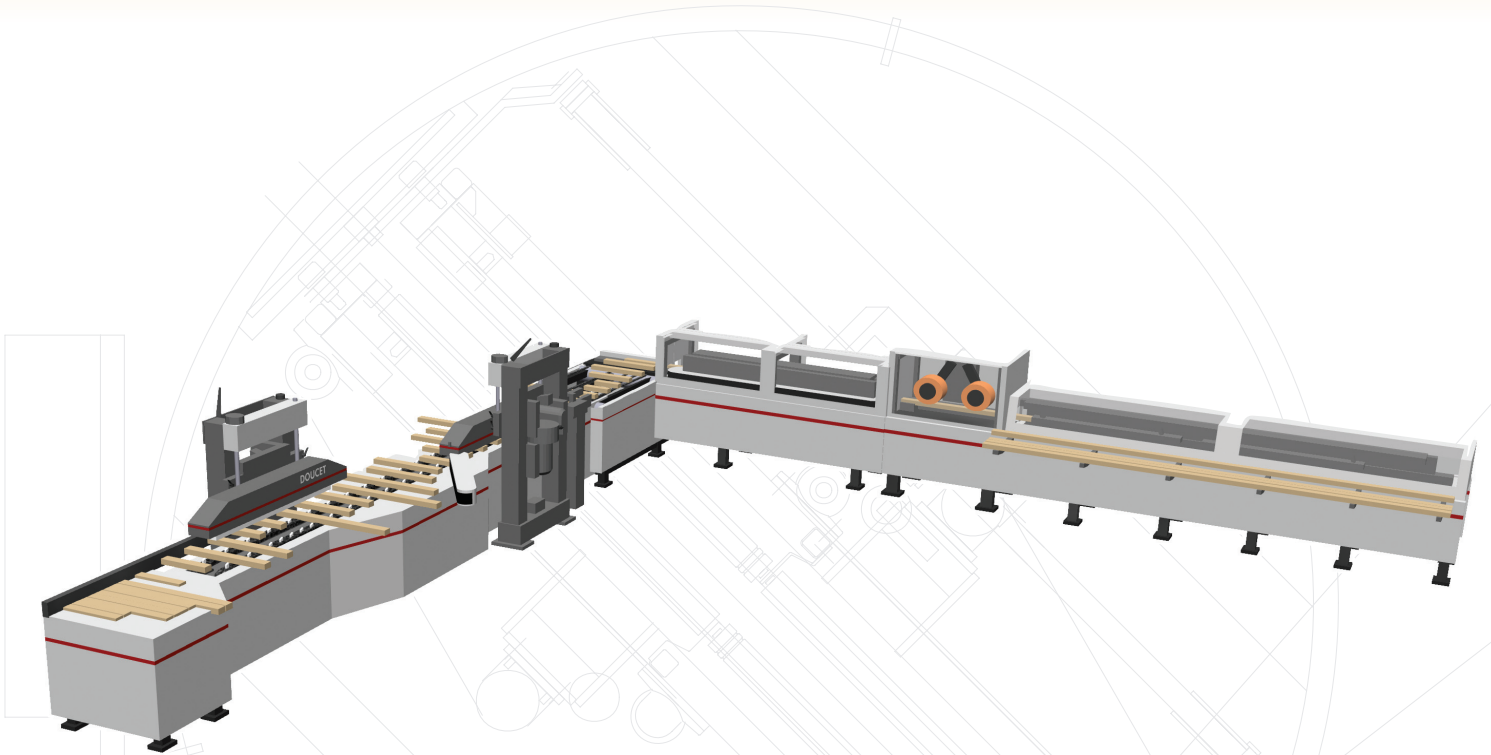


ZX-100

FINGERJOINTER



A MEDIUM TO HIGH PRODUCTION
UNIT FOR NON-STRUCTURAL APPLICATIONS,
FOR HARD WOOD AND SOFT WOOD

DOUCET
PROCESS ENGINEERING
DIVISION

VALUE ADDED SOLUTIONS

www.hoechsmann.com

FOR A COMPLEX WOOD INDUSTRY

ZX-100

FINGERJOINTER

The Doucet ZX-100 is a Double End Fingerjointer with lugs on 9" or 12" centers, a manual lug loading table, a manual corner transfer, a pre-assembly tunnel and a 16 foot assembly press expandable in increments of 4 feet up to 40 feet.

THE ZX-100 FINGERJOINTER INCLUDES

- A semi-automatic infeed table
- Feed speed up to 75 feet per minute powered by a 20 HP electric motor with variable speed drive
- Lug speed up to 100 lugs per minute
- 14" trim saws (2) on 5 HP motors, 3400 RPM
- 10" scoring saws (2) on 3 HP motors, 3400 RPM
- Cutterhead spindles (2) for 8 bolt WKW cutterheads on 20 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 30" 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 MANUAL CORNER TRANSFER INCLUDES

- A gravity conveyor

THE HIGH SPEED ASSEMBLY TUNNEL FEATURES

- Feed speed up to 350 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 16 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-100 FINGERJOINTER

→ LUG SPEED

Up to 100 Pieces per Minute

MATERIAL SPECIFICATIONS

ZX-100 FINGERJOINTER

→ BLOCK LENGTH

5" to 30" (also 8" to 48")

→ 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:

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