

CRP 2250 TECHNICAL DATA

BLOCK SIZE

Length	6 in (152 mm) to 42 in (1067 mm)
Width	2 in (50 mm) to 8 in (203 mm)
Thickness	5/8 in (16 mm) to 2 in (50 mm)

TYPE OF WOOD

Hard or soft

AUTOMATIC LUG FEEDER

Feeding sequence	PLC controlled
Speed	Up to 180 blocks/min, adjustable by a variable frequency drive
Bottom conveyor	Belt type and rollers
Top conveyor	Waved nylon brushes
Indexing mechanism	Drop barrier type
Minimum length detection	Laser line

DOUBLE SHAPER

Lug speed (12 in centers) (300 mm centers)	Up to 180 ft (55 m) per minute, adjustable by a variable frequency drive, including dynamic braking
Lug spacing	9 in (228 mm) or 12 in (305 mm), easily modified by user,
(2) x Fingerjoint cutterheads	20hp (15kw), 4800rpm, 50 mm diameter, adjustable speed by a variable frequency drive, including dynamic braking
(2) x 11 in (275 mm) trim saws	Each mounted on a high precision spindle fixed speed at 6000rpm
(4) x 8 in (200 mm) scoring saws	Each mounted on a high precision spindle fixed speed at 6000rpm
(2) x 10hp (7.5kw)	Electric motors drive the saws (2 scoring and one trim saw on each motor) via a flat belt
Digital readouts	On all saws and finger joint heads for adjustment
Chain lubrication system	Brush type
Glue applicator	Injection PLC controlled (no waste)

AUTOMATIC CORNER TRANSFER

Feeding sequence	PLC controlled
Speed	Up to 180 blocks/min, adjustable by a variable frequency drive
Bottom conveyor	Belt type and rollers
Top conveyor	Waved nylon brushes
Indexing mechanism	Drop barrier type

ASSEMBLY MACHINE

Bottom conveyor	Flat top chain
Side conveyors	One rectilinear side chain (for straight reference)
Side conveyors	One side chain with pneumatic pressers to prevent offsets and misalignments
Speed of chains up to 800 ft (244 m) per minute	Chains are powered by 3 electric motors AC 5.4hp (4kw) adjustable by a variable frequency drive
Top rollers	Rubber covered fixed to tensionners
Length	17 ft (5.18 m) feet long to accumulate enough pieces
Broken wood detection	Detection by photocells
Removal of jammed or broken blocks	Easy with fast opening of top ruler
Chain lubrication system	Drip type

IN LINE CONTINUOUS PRESS-crowder

Feeding	Powered by 1 electric motor AC 50hp (37.5kw) adjustable speed by 1 variable vector drive
Retarding	Braked by 1 electric motor AC 30hp (22.5kw), with regenerating variable vector drive coupled to 1 speed reducer
Guide tunnel	Approximately 20 ft (6 m) long
Flying cut-off saw	Powered by 1 electric motor AC 3hp (2.25 K2), 3600rpm
Speed up rolls and transfer	Powered by an electric motor, adjustable speed up to 700 ft (213 m) per minute by a variable frequency drive
Outfeed chain and precise end trim saws	Powered by an electric motor, align the flanges to the wood line