

CRP 2000SE 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	0.625 in (16 mm) to 2.5 in (63 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 (280 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
Glue applicator	Electronic control to insure precise glue deposit

AUTOMATIC CORNER TRANSFER

Feeding sequence	PLC controlled
Speed	Up to 180 blocks/min, adjustable by a variable frequency drive
Bottom conveyor	Rollers and brush design
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 (183 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 tensioners
Length	17 ft (5.18 m) 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

HIGHLY PRODUCTIVE PRESS

Feeding	4 rolls, adjustable speed up to 425 ft (130 m) per minute by a variable frequency drive, including dynamic braking
Fast acting saw	7.5hp (5.6kw), 3600rpm
Pressing force	8000 lbs pressing foot
Length of Press	32 ft - 2 in (9.80 m)