

CRP 2000 TECHNICAL DATA

BLOCK SIZE

Length	4.5"(114mm) to 36"(914mm)
Width	1.5"(38mm) to 8"(203mm)
Thickness	5/8"(16mm) to 2.5"(63mm)

TYPE OF WOOD

Hard or soft

AUTOMATIC LUG FEEDER

Feeding sequence	PLC controlled
Speed	Up to 160 pieces per minute, adjustable by a variable frequency drive
Bottom conveyor	Belt type and rollers
Top conveyor	Waved nylon brushes
Indexing mechanism	Lift over barrier type
Minimum length detection	Laser line

DOUBLE SHAPER

Lug speed (12" (305mm) spacing)	Up to 160 feet (49m) per minute, adjustable by a variable frequency drive, including dynamic braking
Lug spacing	9" (228mm) or 12" (305mm), easily modified by user,
(2)x Fingerjoint cutterheads	20HP(15kw), 4800RPM, 1-13/16" or 50mm diameter, adjustable speed by a variable frequency drive, including dynamic braking
(2)x 10"(250mm) trim saws	Each mounted on a high precision spindle fixed speed at 6000RPM
(4)x 8"(200mm) 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 160 pieces per minute, adjustable by a variable frequency drive
Bottom conveyor	Rollers
Top conveyor	Waved nylon brushes
Indexing mechanism	Lift over 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' (244 m) per minute	Chains are powered by 3 electrical motors AC 5.4HP (4kw) adjustable by a variable frequency drive
Top rollers	Rubber covered fixed to tensioners
Length	17' (5.18m) 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'(129m) per minute by a variable frequency drive, including dynamic braking
16 inch cut off saw	7.5HP(5.6kw), 3600RPM
Cuts per pressing cycle	Up to 5 different lengths
Number of cycles	Up to 10 cycles per minute
Length stop	Automatic positioning
Holding while pressing	All 4 faces held
Pressing force	Adjustable up to 12 000Lbs
Length of Press	20'-2" (6.1m)