

CRP 3000 TECHNICAL DATA

BLOCK SIZE

Length	1' (305mm) to 12' (3.66m)
Width	2 ½" (63.5mm) to 6" (152mm)
Thickness	1" (25mm) to 2" (50mm)
FINAL PRESSED LENGTH	24' (7.30m) to 66' (20m)

AUTOMATIC LUG FEEDER

Speed	Up to 200 pieces per minute, adjustable by a variable frequency drive
Bottom conveyor	Skate wheels and chains
Top conveyor	12" (305mm) wide waved nylon brushes

DOUBLE SHAPER

Lug speed (12" (305mm) spacing)	Up to 200 lugs per minute, adjustable by a variable frequency drive, including dynamic braking
(2) Spindle units For 16 bolt ACEco fingerjoint heads	50HP (37.5Kw), 3600RPM, 3" (76mm) diameter, adjustable 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 via a flat belt (each motor drives 2 scoring and 1 trim saw)
Digital readouts (mechanical)	On saws and spindles
Glue applicator	Injection PLC controlled (almost no waste)

AUTOMATIC CORNER TRANSFER

Speed	Up to 200 pieces per minute, adjustable by a variable frequency drive
Bottom conveyor	Chains (6)
Top conveyor	8" (200mm) wide waved nylon brushes
Accumulation	Up to 12 pieces of 3½ (89mm) wide

ASSEMBLY MACHINE

Top conveyor	Pineapple wheels and flat top chain
Bottom conveyor	Flat top chain
Side conveyor (Fixed)	One rectilinear side chain (for straight reference)
Side conveyor (Mobile)	One side chain with pneumatic pressers to prevent offsets and misalignments
Speed of chains	Up to 900' (274m) per minute, powered by one 5HP (3.75Kw) and three 15HP (11.25Kw) motors, adjustable by a variable frequency drive
Length	34' (10.36m) long to accumulate enough pieces

HIGH CAPACITY CROWDER

Feed and retarding rolls (12)	Top: 17" (432mm) diameter, urethane coated Bottom: 17" (432mm) diameter, smooth finished steel
Speed	Up to 560 feet (170m) per minute, adjustable by a vector drive, including dynamic braking
Retaining tunnel	60' (18.30m) long (RF tunnel option available)

FLYING SAW

14 inch (355mm) cut off saw	5HP (3.75Kw), 3600RPM
Synchronism	By a SEW Eurodrive servomotor
Motion	Linear bearing slides
Plank length	Up to 66" (20m) and more, PLC controlled

OUTFEED CONVEYOR (optional)

Speed up rolls	Adjustable up to 900' (275m) per minute
Side transfer	Chains with traverse bars
Even ending rolls	Included
Plank length	Available for planks up to 66' (20m) long