

CRP 2500 TECHNICAL DATA

BLOCK SIZE

Length	6" (152mm) to 84" (2133mm)
Width	2" (50mm) to 6" (152mm)
Thickness	¾" (19mm) to 2" (50mm)

FINAL PRESSED LENGTH

16' (4.88m) to 32' (9.75m)

SEMI-AUTOMATIC FEEDER

Speed	Up to 180 pieces per minute, adjustable by a variable frequency drive
Bottom conveyor	Skate wheels and chains
Top conveyor	8" (200mm) wide waved nylon brushes

DOUBLE SHAPER

Lug speed (with 12" (305mm) spacing)	Up to 180 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 180 pieces per minute, adjustable by a variable frequency drive
Bottom conveyor	Chains (6)
Top conveyor	4" (100mm) wide waved nylon brushes
Accumulation	Up to 12 pieces of 3½" (89mm) wide

ASSEMBLY MACHINE

Top conveyor	Pineapple wheels and rollers
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	Adjustable by a variable frequency drive
Length	17' (5.18m) long to accumulate enough pieces

HIGH CAPACITY CROWDER

Feed and retarding rolls (8)	Top: 17" (432mm) diameter, urethane coated Bottom: 17" (432mm) diameter, smooth finished steel
Speed	Up to 400' (120m) per minute, adjustable by a vector drive, including dynamic braking
Retaining tunnel	20' (6m) long, with straight edge & pneumatic pressure guide

FLYING SAW

14" (356mm) cut off saw	5HP (3.75Kw), 3600RPM
Speed	Up to 400' (120m) per minute
Synchronism	By a SEW Eurodrive servomotor
Motion	Linear bearing slides

PRECISION END TRIM SAWS

5 Adjustable 14" (356mm) re-trim saws	3HP (2.25Kw), 3600RPM
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