

STO SERIES

R30A1000

CROSSCUT SYSTEMS



THE STO SERIES OPENS UP A NEW ERA OF OPTIMIZED CROSS-CUTTING, COMBINING UNMATCHED PRECISION AND EFFICIENCY WITH INTELLIGENT OPERATION AND ROBUST SAFETY FEATURES.

DESIGNED SPECIFICALLY FOR THE WOOD FLOORING INDUSTRY, THE STO SERIES DELIVERS:

Unmatched Durability

Heavy built frame and top-tier components, the STO is engineered for long-lasting performance.

Superior Material Handling

A unique feeding system with servo-driven rollers and strategically placed pressure rollers ensures exceptional control of any workpiece. This maximizes cutting accuracy and production output.

Wise waste management

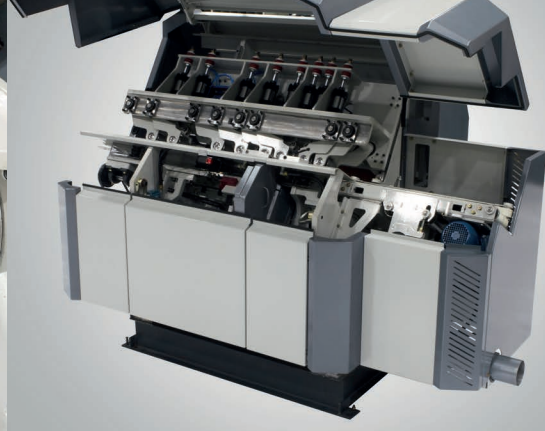
This unique features allows for accurately supporting short pieces as well as efficiently disposing of waste material up to 250 mm (5") on the back end of the boards.

High-Speed, Low-Wear Performance

The servo-driven saw blade with eccentric movement delivers rapid cutting with minimal wear on the system.

High up time

The R30A 100 model is a 30 degrees machine that allows for unmatched waste evacuation in the machine, thus minimizing waste blockages.



TECHNICAL DATA

Length

Board length (infeed) 500 mm and up (18" and up)

Board width 30 to 203 mm (0.8" to 8")
Up to 300 mm (12") available

Board thickness 12 – 75 mm
(0.5" to 3")

Length

Board length (outfeed) 250 mm and up (10" and up)

Maximum waste length evacuated in the machine 250 mm (5")

Cross-cut tolerance up to 1 000 mm (39") +/- 0.75 mm (0.030")

Cross-cut tolerance longer than 1 000 mm / (39") +/- 0,075 % of cutting length

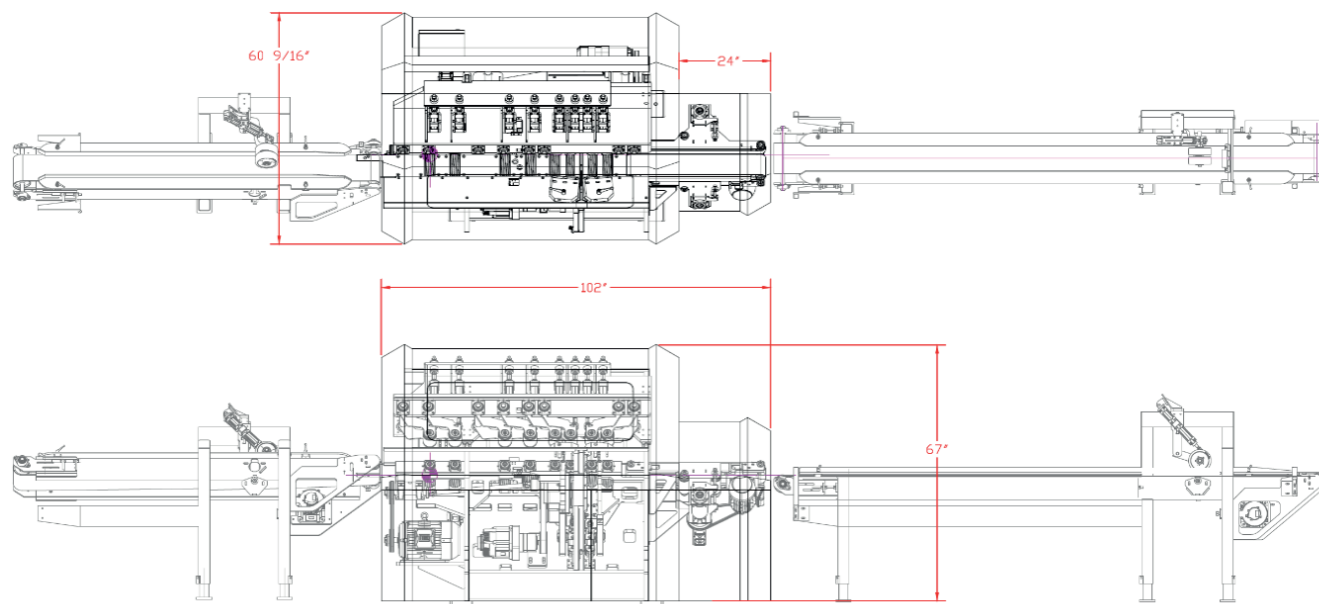
Sawblade stroke Servo driven eccentric system

Stroke time 125 milliseconds

Feed motion Servo

Feed speed Up to 304 800 mm/minute
(up to 1 000'/minute)

Cutting bed 30 degrees



Models

OTHER MODES AVAILABLE

R0A: Similar to R30A, with horizontal cutting bed.

R30: Smaller machine for tighter spaces and less demanding application



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