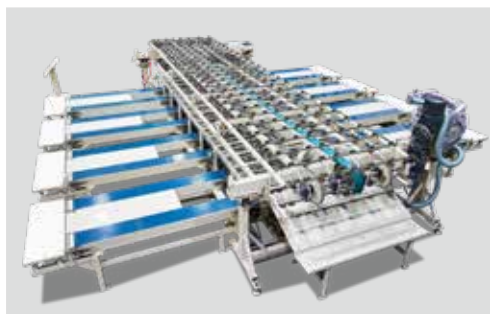


OTHER HIGH PERFORMANCE PRODUCTS

GET THE SCP EDGE



SELF-CENTERING PLANER

- SCPs-18
- SCP-18
- SCP-24
- SCP-32



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SELF-CENTERING PLANERS

OSI Machinerie's **Self-Centering Planers (SCP)**, make optimal use of every single board, regardless of the type of defects (cupped, twisted, cambered, splitted), significantly increasing yield. The 4 models ensure 100% thickness accuracy of all work pieces.

It removes the same thickness on both material surfaces. The independent suspension guarantees optimal calibration to allow simultaneous and accurate planing. This patented concept eliminates jamming and profit-gouging downtimes.

SCPs can be used for a variety of different manufacturing applications:

- Wood Flooring
- Furniture
- Doors and windows
- Components
- Cabinets
- Dimension



FEATURES

- High yield savings
- Vertical facing opposing heads
- Self-centering segmented feed rolls and pressure fingers
- Minimize hit and miss
- Reach the largest possible surface area
- Guarantee thickness accuracy of +/- 0.003" (0.076 mm)
- Eliminate burn marks and digging
- Batch feeding despite board thickness differences
- Digital thickness readouts
- Spiral cutter heads with replaceable cutting inserts
- Hydro-lock collars on each 3" (76mm) posts (4)
- Cutter heads braking module
- Cabinet sound insulation

BEFORE PLANING



AFTER PLANING



HMI

Allen Bradley PLC with 12" (305mm) wide touch screen including:

- Live data monitoring
- User manual displayed on the HMI screen
- Live alarm displayed
- Alarm history registration
- Suggested preventive maintenance displayed

Allen Bradley soft start with dynamic brakes

Automatic planing thickness adjustment "Go To"

Unjamming and return on position mode



OPTIONS

- Air conditioning
- Ampere level speed control
- Predictive maintenance package **NEW**
- Cutting head cart

APPLICATIONS

- Best pre-scanner planers
- Unique planers post-ripsaw
- Pre-dry kiln planing improves uniformity



Continuous spirals knives cutting heads

Cart/ Grinding machine

NEW OPTIONS

	SCP-18	SCP-18	SCP-24				SCP-32		
GENERAL SPECIFICATIONS									
Max Feed Speed	100 ft/min 30 m/min	350 ft/min 105 m/min	100 ft/min 30 m/min	160 ft/min 50 m/min	200 ft/min 60 m/min	350 ft/min 105 m/min	160 ft/min 50 m/min	200 ft/min 60 m/min	350 ft/min 105 m/min
Board width	18" (457 mm max)		24" (610 mm max)				32" (813 mm max)		
Board thickness	1/2" (13 mm) à 5/8" (137 mm)								
Full width material removal	<1/8" (3 mm) each side	<3/32" (2 mm) each side	<1/8" (3 mm) each side			<3/32" (2 mm) each side	<1/8" (3 mm) each side		<3/32" (2 mm) each side
Board length	24" (610 mm) min								
Presser fingers	1-1/4" (32 mm) steel fingers	1-1/4" (32 mm) steel fingers with replaceable tempered inserts NEW!							
Segmented feed rolls motorization	2 x 2 HP	4 x 5 HP	4 x 3 HP	4 x 5 HP	4 x 5 HP	4 x 7.5 HP	4 x 5 HP	4 x 7.5 HP	4 x 7.5 HP
Infeed segmented feed rolls	1 x top 1 x bottom	2 x top 2 x bottom							
Outfeed segmented feed rolls									
Locking system	Hydro-lock system								
Voltage	480V ou 600V								
Square inserts knives cutting heads and motorization									
Cutter heads motorization	2 x 25 HP	2 x 50 HP	2 x 40 HP	2 x 75 HP	2 x 100 HP	2 x 100 HP	2 x 100 HP	2 x 100 HP	2 x 100 HP
Cutter heads knives helical rows	6 rows (3+3)	14 rows (7+7)	8 rows (4+4)	10 rows (5+5)	12 rows (6+6)	14 rows (7+7)	10 rows (5+5)	12 rows (6+6)	14 rows (7+7)
Cutter heads diameter	6" (150 mm) diameter with replaceable cutting inserts	7 3/8" (188 mm) diameter with replaceable cutting inserts	6" (150 mm) diameter with replaceable cutting inserts	7 3/8" (188 mm) diameter with replaceable cutting inserts	6" (150 mm) diameter with replaceable cutting inserts	7 3/8" (188 mm) diameter with replaceable cutting inserts	6" (150 mm) diameter with replaceable cutting inserts	7 3/8" (188 mm) diameter with replaceable cutting inserts	7 3/8" (188 mm) diameter with replaceable cutting inserts
Continuous spirals knives heads and motorization									
Cutter heads motorization	N/A		2 x 40 HP	2 x 60 HP	2 x 75 HP	2 x 100 HP	2 x 75 HP	2 x 75 HP	2 x 100 HP
Cutter heads continuous spirals	N/A		6 spirals		8 spirals		6 spirals	8 spirals	
Cutter heads diameter	N/A		6" (150 mm) diameter with replaceable OSI knives						