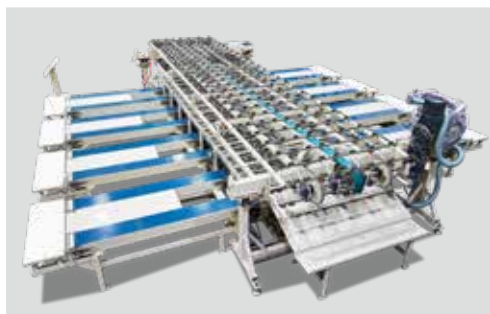


OTHER HIGH PERFORMANCE PRODUCTS



PRINTED IN CANADA

GET THE SCP EDGE



SELF-CENTERING PLANERS

SCP-18
SCP-24
SCP-32



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SELF-CENTERING PLANERS

OSI Machinery'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 3 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

BEFORE PLANING



AFTER PLANING



NEW



HMI

Allen Bradley PLC with 15" (380 mm) 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 planning thickness adjustment "Go To"

Unjamming and return on position mode



OPTIONS

- Air conditioning
- Ampere level speed control
- Cabinet sound insulation
- Predictive maintenance package
- Cutting head cart

APPLICATIONS

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

NEW OPTION



Continuous spirals knives cutting heads

	SCP-18	SCP-24					SCP-32			
General specifications										
Max Feed Speed	100 ft/min 30.5 m/min	100 ft/min 30.5 m/min	160 ft/min 49 m/min	200 ft/min 61 m/min	300 ft/min 90 m/min	350 ft/min 107 m/min	160 ft/min 49 m/min	200 ft/min 61 m/min	300 ft/min 90 m/min	350 ft/min 107 m/min
Board width	18" (457 mm max)	24" (610 mm max)					32" (813 mm max)			
Board thickness	1/2" (13 mm) to 5 3/8" (137 mm)									
Material removal	<3/16" (4 mm each side)	<1/4" (6 mm) each side								
Board length	24" (610 mm) min									
Fingers	1-1/4" (32 mm) segmented carbide fingers									
Segmented feed rolls motorization	2 x 2 HP	4 x 3 HP	4 x 5 HP	4 x 5 HP	4 x 7.5 HP	4 x 7.5 HP	4 x 5 HP	4 x 7.5 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	2 x top 2 x bottom	2 x top 2 x bottom	2 x top 2 x bottom	2 x top 2 x bottom	2 x top 2 x bottom	2 x top 2 x bottom	2 x top 2 x bottom	2 x top 2 x bottom
Outfeed segmented feed rolls	1 x bottom	2 x bottom	2 x bottom	2 x bottom	2 x bottom	2 x bottom	2 x bottom	2 x bottom	2 x bottom	2 x bottom
Locking system	Hydro-Lock									
Voltage	480V or 600V									
Square inserts knives cutting heads and motorization										
Cutter heads motorization	2 x 25 HP	2 x 40 HP	2 x 75 HP	2 x 100 HP	N/A	N/A	2 x 100 HP	2 x 100 HP	N/A	N/A
Cutter heads knives helical rows	6 rows (3+3)	8 rows (4+4)	10 rows (5+5)	12 rows (6+6)	N/A	N/A	10 rows (5+5)	12 rows (6+6)	N/A	N/A
Cutter heads diameter	6" (152 mm) diameter with replaceable 4 sided cutting inserts 15 mm x 15 mm x 2.5 mm				N/A	N/A	6" (152 mm) diameter with replaceable 4 sided cutting inserts 15 mm x 15 mm x 2.5 mm		N/A	N/A
Continuous spirals knives heads and motorization										
Cutter heads motorization	N/A	2 x 40 HP	2 x 50 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	2 x 100 HP
Cutter heads continuous spirals	N/A	6 spirals	6 spirals	8 spirals			6 spirals	8 spirals		
Cutter heads diameter	N/A	6" (152 mm) diameter with replaceable 1-1/4" (32 mm) long x 5/8" (16 mm) high x 1/4" (6.3 mm) thick carbide OSI shaped knives								