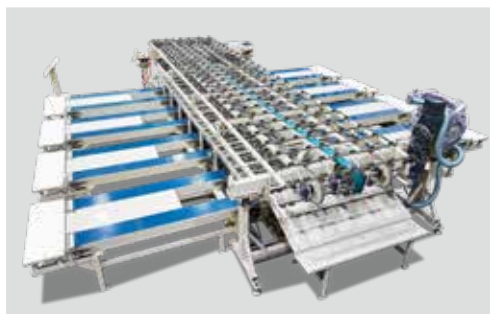


OTHER HIGH PERFORMANCE PRODUCTS



GENERATE GAINS & PROFITS WITH THE SCP



SELF-CENTERING PLANER

SCP-450
SCP-600
SCP-800



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SELF-CENTERING PLANER

OSI Machinerie introduces the European version of its **Self-Centering Planer (SCP)**. This technology has been commercialized for over 20 years in North American woodworking industry (Canada, USA).

OSI Machinerie's **Self-Centering Planer (SCP)**, makes optimal use of every single board, regardless of the type of defects (**cupped, twisted, cambered, splitted**), significantly increasing yield. The SCP ensures 100 % thickness accuracy of all processed pieces.

It removes the same thickness on both material surfaces (top and bottom). The independent suspension guarantees optimal calibration to allow simultaneous and accurate planing. This patented concept eliminates jamming and profit-gouging downtimes. The SCP can be located strategically based on the user's needs.

The SCP can be used for a variety of different manufacturing applications:

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



FEATURES

- High yield savings
- Vertical facing opposing heads
- Self-Centering segmented feed rolls and pressure fingers
- Minimizes hit and miss
- Eliminates burn marks and digging
- Batch feeding: each board is individually centered and calibrated despite its thickness
- Screen posted thickness
- Hydro-lock collars on each 76 mm posts (4)
- Spiral cutter heads with 4 sided rotating carbide inserts
- Reaches the largest possible surface
- Guarantees thickness accuracy of +/- 0.076 mm
- Cabinet sound insulation

BEFORE PLANING



AFTER PLANING



HMI

PLC with 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

Soft starters

Automatic planning thickness adjustment "Go To"

Unjamming and return on position mode



OPTIONS

- Air conditioning
- Ampere level speed control
- Cutter heads mechanical brakes
- 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

	SCP-450		SCP-600				SCP-800			
	GENERAL SPECIFICATIONS									
Max Feed Speed	50 m/min	100 m/min	30 m/min	50 m/min	60 m/min	100 m/min	50 m/min	60 m/min	100 m/min	
Board width	457 mm max		610 mm max				813 mm max			
Board thickness	13 mm to 137 mm									
Full width material removal	<3 mm each side	<2 mm each side	<3 mm each side			<2 mm each side	<3 mm each side		<2 mm each side	
Board length	610 mm min									
Presser fingers	32 mm steel fingers with replaceable tempered inserts NEW!									
Segmented feed rolls motorization	2 x 2.25 KW	4 x 3.75 KW	2 x 2.25 KW	4 x 3.75 KW	4 x 3.75 KW	4 x 5.25 KW	4 x 3.75 KW	4 x 5.25 KW	4 x 5.25 KW	
Infeed segmented feed rolls	2 x top									
Outfeed segmented feed rolls	2 x bottom									
Locking system	Hydraulic locking system									
Voltage	380 V									
	Square inserts knives cutting heads and motorization									
Cutter heads motorization	2 x 30 KW	2 x 35 KW	2 x 30 KW	2 x 55 KW	2 x 75 KW	2 x 75 KW	2 x 75 KW	2 x 75 KW	2 x 75 KW	
Cutter heads knives helical rows	10 rows (5+5)	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	150 mm diameter with replaceable cutting inserts	188 mm diameter with replaceable cutting inserts	150 mm diameter with replaceable cutting inserts			188 mm diameter with replaceable cutting inserts	150 mm diameter with replaceable cutting inserts		188 mm diameter with replaceable cutting inserts	
	Continuous spirals knives heads and motorization									
Cutter heads motorization	N/A	2 x 30 KW	2 x 45 KW	2 x 55 KW	2 x 75 KW	2 x 55 KW	2 x 55 KW	2 x 55 KW	2 x 75 KW	
Cutter heads continuous spirals	N/A	6 spirals		8 spirals		6 spirals	8 spirals			
Cutter heads diameter	N/A	150 mm diameter with replaceable OSI knives								