## **GENERATE GAINS & PROFITS** WITH THE SCP

# OTHER HIGH PERFORMANCE PRODUCTS



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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:

- Hardwood flooring
- Hardwood lumber

• Doors and windows

• Furniture

- ComponentsCabinets
- 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

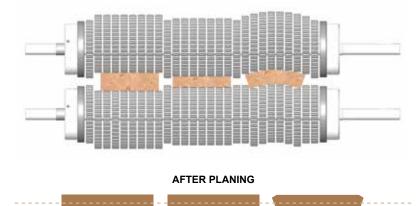
Hydro-lock collars on each 76 mm posts (4)

Spiral cutter heads with 4 sided rotating carbide inserts

Reaches the largest possible surface

Guarantees thickness accuracy of +/- 0.076 mm

#### BEFORE PLANING



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	00000	SCP-450	
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	SCP-450		SCP-600		SCP-800				
Max feed speed	50 m/min	30 m/min	50 m/min	60 m/min	50 m/min	60 m/min			
Board width	450 mm max	600 mm max			800 mm max				
Board thickness	4 mm to 140 mm								
Material removal	<6 mm (each side)								
Board length	600 mm (minimum)								
Cutter heads motorization	2 x 30 kW	2 x 30 kW	2 x 55 kW	2 x 75 kW	2 x 75 kW				
Cutter heads spirals	10 spirals (5+5)	8 spirals (4+4)	10 spirals (5+5)	12 spirals (6+6)	10 spirals (5+5)	12 spirals (6+6)			
Cutter heads diameter	152 mm diameter with replaceable 4 sided cutting inserts 15 mm x 15 mm x 2.5 mm								
Pressure fingers	32 mm segmented carbide fingers								
Segmented rolls motorization	4 x 2.25 kW	4 x 2.25 kW	4 x 3.75 kW	4 x 3.75 kW	4 x 3.75 kW	4 x 5.25 kW			
Infeed segmented rolls			2 x top	•		-			
Outfeed segmented rolls	2 x bottom								
Locking system	Hydro-lock								
Voltage	380 V								

#### **OPTIONS**

Cutter heads spare assembly

Ampere speed level control

Cutter heads braking module

Air conditionning

Noise reduction insulation

#### APPLICATIONS

High efficiency when located before a scanner The only planer that can be placed post-ripsaw Pre-dry kiln planing improves uniformity



#### **TECHNICAL SPECIFICATIONS**