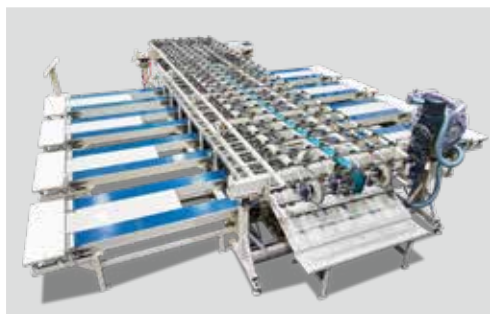


OTHER HIGH PERFORMANCE PRODUCTS



ABSOLUTE CALIBRATION REFINED FINISH



SELF-CENTERING SANDER

SCS-24



PRINTED IN CANADA-APRIL 2024



For more information, contact us at: **+1 877 228-6868**
2510, 98^e Rue, Saint-Georges (QC) G6A 1E4 Canada
osimachinerie.com



SELF-CENTERING SANDER

Inspired by the successful concept of the planer's **Self-Centering Technology**, the **Self-Centering Sander (SCS)** from OSI Machinerie offers you maximum machining precision. This technology makes optimal use of every single board, regardless of the type of defects (cupped, twisted, cambered, splitted), which considerably increases material yield. This patented self-centering concept maximizes your **surface preparation**.

The **self-centering sander** machines each board, on each side simultaneously, to the desired thickness. Its simplicity of use and high performance gives you the possibility of getting different types of finishes.

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

- Truck floors
- Doors and windows
- Furniture
- Cabinets
- Components
- Veneer
- Plywood

FEATURES

High yield savings

Vertical facing opposing sanding drums

Self-Centering segmented feed rolls

Batch feeding : each board is individually centered and calibrated despite its thickness

Screen posted thickness

Hydro-lock collars on each 3" (76 mm) posts (4)

Sanding drums allowing the use of different sanding belts

Reach the largest possible surface area

Guarantee thickness accuracy of +/- 0.003" (0.076 mm)

Easy and quick adjustment

Sanding system can be removed for maintenance operations

Sanding drum brake module

Cabinet sound insulation



OPTIONS

Air conditioning

Predictive maintenance package

Motors power increased to 100 HP

APPLICATIONS

Improves grip in adhesive applications

The best sanding machine post self-centering planer

The best sanding machine for surface preparation



HMI

Allen Bradley PLC with 12" (305 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

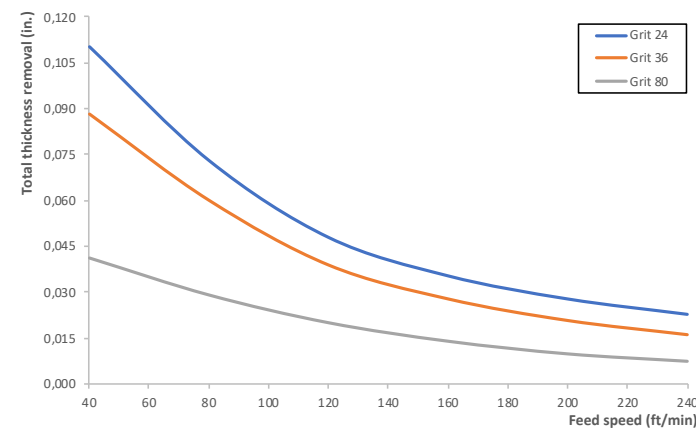
BEFORE SANDING



AFTER SANDING



Machine capacity (75 HP)



TECHNICAL SPECIFICATIONS

Max Feed Speed	160 pi/min - 49 m/min	Drums diameter	11" (280 mm)
Board width	24" (610 mm) max	Segmented feed rolls motorization	4 x 5 HP
Board thickness	1/2" (13 mm) à 5-3/8" (137 mm)	Infeed segmented feed rolls	2 x top
Board length	27" (685 mm) min.	Outfeed segmented feed rolls	2 x bottom
Sanding heads motorization	2 x 75 HP	Locking system	Hydro-lock
Drums	2	Voltage	480V or 600V