

SHINX



VERTICAL PANEL SAW

SPN1 SERIES

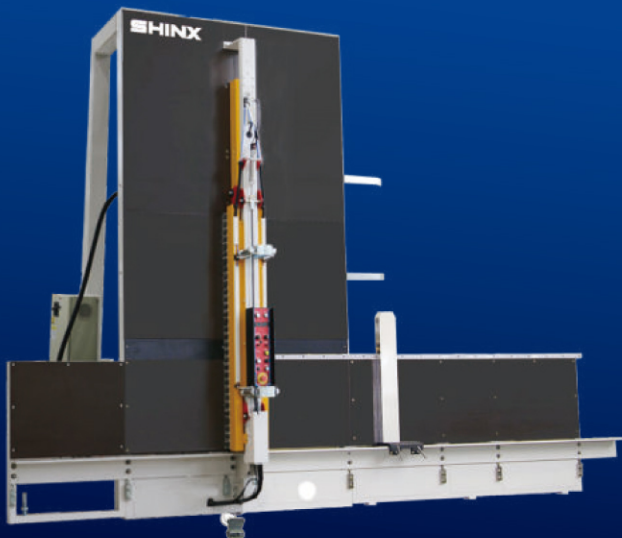
SPN1-1200 / SPN1-1800 / SPN1-2400 / SPN1-3000



VERTICAL PANEL SAW

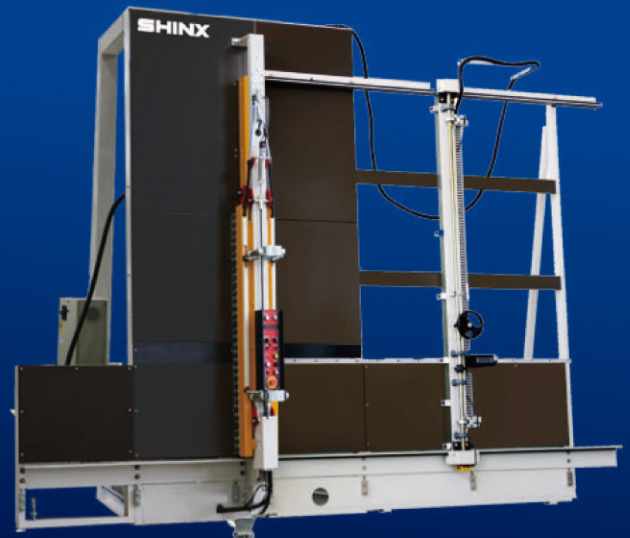
SPN1 SERIES

Straight cutting machine for panels. Saves floor space.



SPN1-2400G

Right angle ruler



SPN1-2400R

Rack and pinion ruler

Consummate safety devices

Safety shutter

Safety shutter protects fingers from rotating blades.

Two-hand push button

Cut start, program start, saw protrusion are performed by operating two-hand push button.



Safety shutter



Two-hand push button

Varieties of option lineup



Saw carriage auto lubrication



Inverter for saw rotation



Centering ruler



Roller conveyor ruler



Weight balancer

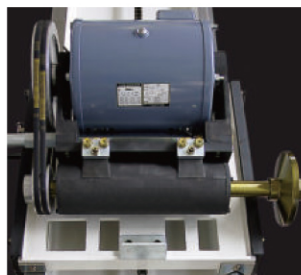
※ We have a wide range of other optional equipment. For more information, please contact our sales office or sales staff.

Top market share in Japan

It is a panel cutting machine for wood and resin materials, and has been introduced by a wide range of users such as furniture, fittings, building materials, and resin processing. We propose cutting machines that meet the needs of users with many years of experience and varieties of options.

Main spindle

3.7kw spindle motor can perform powerful cutting. Highly durable bearings are used for the rotating parts to achieve stable machining for a long period of time.



Main spindle

Automatic scoring activation

Operator can easily switch to scoring cut mode through the select switch on the control panel.



Auto scoring switch

Linear guide rail

A linear guide rail is used for the saw carriage rail to improve rigidity and durability.



Linear guide rail

User-friendly control panel

Switches have been consolidated on front of the control panel. High visibility of the control panel allows operators to work safely.

① Two-hand push	⑥ Centering (OPTION)	⑪ Saw carriage UP
② Standby switch	⑦ Emergency stop	⑫ Material fixing
③ Cutting length	⑧ Power lamp	⑬ Cutting start
④ ALARM lamp	⑨ Cutting mode	
⑤ Saw setting	⑩ Cutting speed	

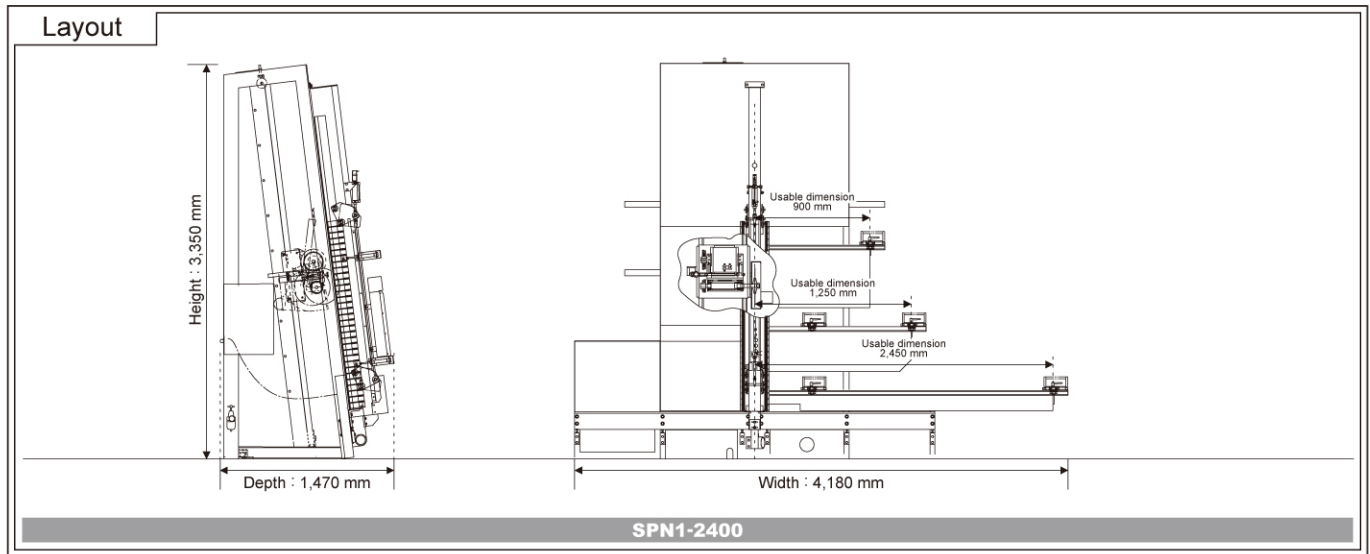


Control panel

Slide type ruler

The standard slide type ruler allows quick dimension setting. Unused ruler can be stored with a single touch. Equipped in the upper, middle, and lower stages on the right side of the machine, the ruler can be set in multiple locations on each stage. Continuous and efficient cutting is available.





SPN1 Specifications

Machine Name		Vertical panel saw			
Machine Model		SPN1-1200	SPN1-1800	SPN1-2400	SPN1-3000
Ruler	Horizontal ruler	Flat horizontal ruler			
	Width setting ruler	Movable ruler			
Rail structure for motor carriage		LM guide and flat-slide rail			
Cutting modes		3 cutting modes selection switch (top-to-bottom, scoring, reciprocating)			
Cutting capacity (mm)	Cutting length (Dial adjustment)	Max. 1,230 mm	Max. 1,830 mm	Max. 2,430 mm	Max. 3,030 mm
	Cutting width (Min.: 10 mm)	Max. 1,250 mm	Max. 2,150 mm	Max. 2,450 mm	Max. 3,050 mm
	Cutting thickness	Max. 45 mm			
Circular saw		12-inch circular saw (φ 305mm) , hole diameter: φ 25.4			
Electrospindle rotation speed		3,500 min ⁻¹ (50Hz) / 4,200 min ⁻¹ (60Hz)			
Carriage speed		[Down] : 3 ~ 15 m/min. (inverter controlled variable speed) / [UP] : 18 m/min (fixed) Scoring cut: 15 m/min (fixed), Reciprocating cut: 3 ~ 15 m/min. (variable speed)			
Motor power		Main blade : 3.7 kW ・ 4P, Carriage motor : 0.75 kW ・ 4P [IE3]			
Table		Bakelite plate (Color: Brown)			
Cover of cutting edge		Bakelite adjustable cover			
Material fixing method		Parallel clamping (with a transparent safety shutter)			
Qty. of handle stopper		4 pcs in 2 stages / 2 pcs on top, 2 pcs on middle	4 pcs in 2 stages / 5 pcs in 3 stages / 2 pcs on top, 2 pcs on middle, 1 pc on bottom		
Handle stopper		Manual adjustment			
Machine dimensions (Width, Depth, Height)		3,050 mm × 1,330 mm × 2,150 mm	3,880 mm × 1,400 mm × 2,750 mm	4,180 mm × 1,470 mm × 3,350 mm	4,780 mm × 1,550 mm × 3,950 mm
Machine weight		900 kg	1,000 kg	1,130 kg	1,250 kg
Machine color		U25 - 85A (cream color)			
Control panel		EMG button ・ Main power switch ・ Alarm indication lamp ・ Cutting length dial ・ Carriage speed dial			
		Saw carriage up button ・ Cutting start button ・ Cutting mode switch			
		Button for material fixing device ・ Two-hand push machining start button			
Safety		Fall prevention limit switch ・ Circuit breaker ・ Blade cover close detection ・ Safety shutter			
Other		Automatic scoring activation ・ Off-limits chain fence ・ Off-limits area tape			
Options		Centering ruler ・ Blade rotation inverter control (1,000 ~ 4,200 min) ・ Right angle ruler (L = 900 mm)			
		Automatic lubricator for saw blade carriage. (Pump) (Oil mist)			
		Automatic cutting oil spray ・ Weight balancer for carriage ・ Ruler extension 1,250 mm ・ Roller conveyor ruler			

注1) Specifications are subject to change without notice

注2) To use the machine safely, operate it correctly and perform periodic maintenance.

注3) Before performing cutting and maintenance work, please read carefully and understand the safety precautions in the manual.



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