

SP-series



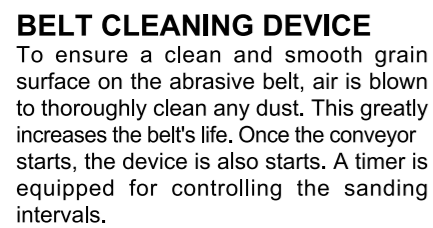
HIGH QUALITY CONVEYOR BELT

The machine employs an Italian imported high quality conveyor belt, ensuring extremely smooth feeding, minimum wear, and break free performance.



HYDRAULIC DRIVE CONVEYOR BELT

The super lightweight driving system is mounted at the end of the conveyor table, ensuring maximum feed accuracy and stability. A powerful hydraulic driving system automatically adjusts to the correct pressure regardless of the panel weight or plate holding pressure. The system eliminates belt slipping or chattering while running.



BELT CLEANING DEVICE

To ensure a clean and smooth grain surface on the abrasive belt, air is blown to thoroughly clean any dust. This greatly increases the belt's life. Once the conveyor starts, the device is also starts. A timer is equipped for controlling the sanding intervals.



VACUUM SUCTION (OPTIONAL)

After being laminated with the veneer, the particle board usually suffers from bending. This is solved by the very close pressure plates which in conjunction with a vacuum suction device, will straighten the panels. This will not only prevent the veneer or lacquer from being over-sanded or the panel from slipping. (Optional)



BRUSH ROLLER

Clear away the dust on the working piece in the final step. Polishing roller is upon request. (Optional)



INVERTER (OPTIONAL)

The machine is built with a high performance frequency inverter which can be adjusted for any desired speed to accommodate a variety of paint and panel characteristics.

Specifications:

83" Model / Rubber Roller Dia.300 mm	SP-60	SP-90	SP-110	SP-130
Max. working width	610 mm	914 mm	1100 mm	1300 mm
Max. working height	120 mm	120 mm	120 mm	120 mm
Main spindle motor	5 HP	5 HP	7.5 HP	10 HP
Hydraulic pump motor	3 HP	3 HP	5 HP	5 HP
Vacuum pump motor	2 HP	2 HP	2 HP	2 HP
Table lifting & lowering motor	1/2 HP	1/2 HP	1/2 HP	1/2 HP
Brush roller motor	1/2 HP	1/2 HP	1/2 HP	1/2 HP
Feed speed	0-18 M/min	0-18 M/min	0-18 M/min	0-18 M/min
Size of sanding belt	610 x 2108 mm	915 x 2108 mm	1100 x 2108 mm	1346 x 2108 mm
Dust exhausted	5700 M ³ /hr	5700 M ³ /hr	5700 M ³ /hr	8000 M ³ /hr
Compressed air consumed	0.2 M ³ /min	0.2 M ³ /min	0.2 M ³ /min	0.2 M ³ /min
Packing size	(L) 2250 mm (W) 1530 mm (H) 2130 mm	(L) 2250 mm (W) 1850 mm (H) 2130 mm	(L) 2250 mm (W) 2030 mm (H) 2130 mm	(L) 2300 mm (W) 2250 mm (H) 2130 mm
Net weight	1500 kgs	2000 kgs	2500 kgs	3000 kgs
Gross weight	1680 kgs	2200 kgs	2800 kgs	3400 kgs
83" Model / Rubber Roller Dia.300 mm	SP-260	SP-290	SP-2110	SP-2130
Max. working width	610 mm	914 mm	1100 mm	1300 mm
Max. working height	120 mm	120 mm	120 mm	120 mm
Main spindle motor	7.5, 5 HP	10 HP, 7.5 HP	15 HP, 10 HP	20 HP, 15 HP
Hydraulic pump motor	5 HP	5 HP	7.5 HP	7.5 HP
Vacuum pump motor	2 HP	2 HP	3 HP	3 HP
Table lifting & lowering motor	1/2 HP	1/2 HP	1 HP	1 HP
Brush roller motor	1/2 HP	1/2 HP	1/2 HP	1/2 HP
Feed speed	0-18 M/min	0-18 M/min	0-18 M/min	0-18 M/min
Size of sanding belt	610 x 2108 mm	915 x 2108 mm	1100 x 2108 mm	1346 x 2108 mm
Dust exhausted	6800 M ³ /hr	6800 M ³ /hr	9100 M ³ /hr	9100 M ³ /hr
Compressed air consumed	0.35 M ³ /min	0.35 M ³ /min	0.35 M ³ /min	0.35 M ³ /min
Packing size	(L) 2530 mm (W) 1530 mm (H) 2160 mm	(L) 2530 mm (W) 1850 mm (H) 2160 mm	(L) 2530 mm (W) 2030 mm (H) 2160 mm	(L) 2530 mm (W) 2300 mm (H) 2160 mm
Net weight	2300 kgs	3000 kgs	3500 kgs	4000 kgs
Gross weight	2500 kgs	3250 kgs	3800 kgs	4350 kgs
83" Model / Rubber Roller Dia.300 mm	SP-360	SP-390	SP-3110	SP-3130
Max. working width	610 mm	914 mm	1100 mm	1300 mm
Max. working height	120 mm	120 mm	120 mm	120 mm
Main spindle motor	7.5 HP, 5 HP, 5 HP	10 HP, 7.5 HP, 5 HP	15 HP, 10 HP, 7.5 HP	20 HP, 15 HP, 10 HP
Hydraulic pump motor	5 HP	5 HP	7.5 HP	7.5 HP
Vacuum pump motor	2 HP	2 HP	3 HP	3 HP
Table lifting & lowering motor	1/2 HP	1/2 HP	1 HP	1 HP
Brush roller motor	1/2 HP	1/2 HP	1/2 HP	1/2 HP
Feed speed	0-18 M/min	0-18 M/min	0-18 M/min	0-18 M/min
Size of sanding belt	610 x 2108 mm	915 x 2108 mm	1100 x 2108 mm	1346 x 2108 mm
Dust exhausted	10200 M ³ /hr	10200 M ³ /hr	13700 M ³ /hr	13700 M ³ /hr
Compressed air consumed	0.5 M ³ /min	0.5 M ³ /min	0.5 M ³ /min	0.5 M ³ /min
Packing size	(L) 2800 mm (W) 1530 mm (H) 2160 mm	(L) 2880 mm (W) 1850 mm (H) 2160 mm	(L) 2930 mm (W) 2030 mm (H) 2160 mm	(L) 2930 mm (W) 2300 mm (H) 2160 mm
Net weight	3000 kgs	3800 kgs	4600 kgs	5500 kgs
Gross weight	3300 kgs	4150 kgs	5000 kgs	5950 kgs
103" Model / Rubber Roller Dia.420 mm	SP-60	SP-90	SP-110	SP-130
Max. working width	610 mm	914 mm	1100 mm	1300 mm
Max. working height	120 mm	120 mm	120 mm	120 mm
Main spindle motor	7.5 HP	10 HP	10 HP	15 HP
Hydraulic pump motor	5 HP	5 HP	5 HP	5 HP
Vacuum pump motor	2 HP	2 HP	2 HP	2 HP
Table lifting & lowering motor	1/2 HP	1/2 HP	1/2 HP	1/2 HP
Brush roller motor	1/2 HP	1/2 HP	1/2 HP	1/2 HP
Feed speed	0-18 M/min	0-18 M/min	0-18 M/min	0-18 M/min
Size of sanding belt	610 x 2616 mm	915 x 2616 mm	1100 x 2616 mm	1346 x 2616 mm
Dust exhausted	5700 M ³ /hr	5700 M ³ /hr	8000 M ³ /hr	8000 M ³ /hr
Compressed air consumed	0.2 M ³ /min	0.2 M ³ /min	0.2 M ³ /min	0.2 M ³ /min
Packing size	(L) 2350 mm (W) 1600 mm (H) 2360 mm	(L) 2350 mm (W) 1900 mm (H) 2360 mm	(L) 2350 mm (W) 2100 mm (H) 2360 mm	(L) 2350 mm (W) 2300 mm (H) 2360 mm
Net weight	1800 kgs	2400 kgs	3000 kgs	3800 kgs
Gross weight	2000 kgs	2650 kgs	3300 kgs	4150 kgs
103" Model / Rubber Roller Dia.420 mm	SP-260	SP-290	SP-2110	SP-2130
Max. working width	610 mm	914 mm	1100 mm	1300 mm
Max. working height	120 mm	120 mm	120 mm	120 mm
Main spindle motor	7.5 HP, 5 HP	10 HP, 7.5 HP	15 HP, 10 HP	20 HP, 15 HP
Hydraulic pump motor	5 HP	5 HP	7.5 HP	7.5 HP
Vacuum pump motor	2 HP	2 HP	3 HP	3 HP
Table lifting & lowering motor	1/2 HP	1/2 HP	1 HP	1 HP
Brush roller motor	1/2 HP	1/2 HP	1/2 HP	1/2 HP
Feed speed	0-18 M/min	0-18 M/min	0-18 M/min	0-18 M/min
Size of sanding belt	610 x 2616 mm	915 x 2616 mm	1100 x 2616 mm	1346 x 2616 mm
Dust exhausted	6800 M ³ /hr	6800 M ³ /hr	9100 M ³ /hr	9100 M ³ /hr
Compressed air consumed	0.35 M ³ /min	0.35 M ³ /min	0.35 M ³ /min	0.35 M ³ /min
Packing size	(L) 2580 mm (W) 1580 mm (H) 2360 mm	(L) 2580 mm (W) 1890 mm (H) 2360 mm	(L) 2580 mm (W) 2050 mm (H) 2360 mm	(L) 2580 mm (W) 2300 mm (H) 2360 mm
Net weight	2800 kgs	3800 kgs	4800 kgs	5800 kgs
Gross weight	3050 kgs	4100 kgs	5150 kgs	6200 kgs
103" Model / Rubber Roller Dia.420 mm	SP-360	SP-390	SP-3110	SP-3130
Max. working width	610 mm	914 mm	1100 mm	1300 mm
Max. working height	120 mm	120 mm	120 mm	120 mm
Main spindle motor	7.5 HP, 5 HP, 5 HP	10 HP, 7.5 HP, 5 HP	15 HP, 10 HP, 7.5 HP	20 HP, 15 HP, 10 HP
Hydraulic pump motor	5 HP	5 HP	7.5 HP	7.5 HP
Vacuum pump motor	2 HP	2 HP	3 HP	3 HP
Table lifting & lowering motor	1/2 HP	1/2 HP	1 HP	1 HP
Brush roller motor	1/2 HP	1/2 HP	1/2 HP	1/2 HP
Feed speed	0-18 M/min	0-18 M/min	0-18 M/min	0-18 M/min
Size of sanding belt	610 x 2616 mm	915 x 2616 mm	1100 x 2616 mm	1346 x 2616 mm
Dust exhausted	10200 M ³ /hr	10200 M ³ /hr	13700 M ³ /hr	13700 M ³ /hr
Compressed air consumed	0.5 M ³ /min	0.5 M ³ /min	0.5 M ³ /min	0.5 M ³ /min
Packing size	(L) 3200 mm (W) 1580 mm (H) 2360 mm	(L) 3200 mm (W) 1890 mm (H) 2360 mm	(L) 3200 mm (W) 2050 mm (H) 2360 mm	(L) 3200 mm (W) 2300 mm (H) 2360 mm
Net weight	4000 kgs	5100 kgs	6000 kgs	7200 kgs
Gross weight	4400 kgs	5550 kgs	6500 kgs	7800 kgs

※Design and specifications are subject to change without prior notice.

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Sheng Shing
 Wide Belt Sander

SANDERSON
 WIDE BELT SANDER



SP-series 83"/103" Heavy Duty



Application for lacquered, sealer, UV-coating.

2017.10 AC Design 04-27071159

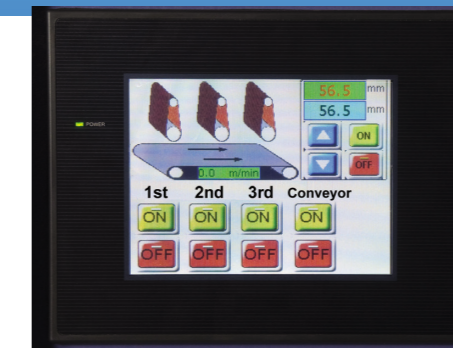


SP-series

Brilliant, High precision navigator

We focus extensive experience and strong engineering capabilities on your sanding jobs to ensure that the solution is a perfect match to your sanding applications. Whole new generation sanders not only speed up your sanding operations but also reduce your production costs.

- Digital readout controller
- Automatic stop
- Air jet cleaner
- Belt oscillation controlled
- Hydraulic conveyor driving
- Cleaning brush
- In-feed emergency brake
- Emergency stop switch
- Four lifting poles
- Quick release locking handle
- Conveyor belt positioning
- Mirco-adjustment by hand wheel
- Truly endless Italian belt
- Amp and Volt meter



DIGITAL READOUT CONTROLLED

The conveyor lifting by digital controller and PLC touch screen. Specially designed to automatic operation such as roller, table control and error message.

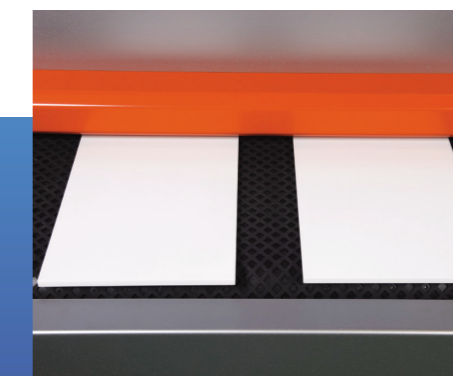
AUTOMATIC STOP

Limit switches are fitted at both sides of the sanding belt to prevent the belt running from the track. The machine will stop automatically if there is no air supply, no sanding belt mounted, or if the belt becomes loose. Only the elevation driving motor will function. The machine will brake immediately if the sanding belt breaks during operation, providing maximum safety for operator and machine.



SANDING BELT OSCILLATION CONTROL

The sanding belt oscillation is controlled by a dust proof air eye. The sanding belt can oscillate in the event of power failure. The oscillation range of the sanding belt is 15 - 20mm. The reverse and cross sanding on the panel creates a better clarity of grain, thus greatly extending the life of the sanding belt.



The pressure plate is welded from steel plate, hard chrome plated for hardness up to RC 70°, and precise machining for a superior surface finish. Maximum stability and smoothness of panel feeding is achieved through the pressure plate incorporated with rubber covered pressure roller.

TWO HEAD CONFIGURATIONS

Two heads: 1st. and 2nd. are roller type is ideal for lacquered, sealer, UV-coating sanding. Working width from 610 mm to 1300 mm. Single and Double and Three heads are available.

