

T ECHNICAL INFORMATION



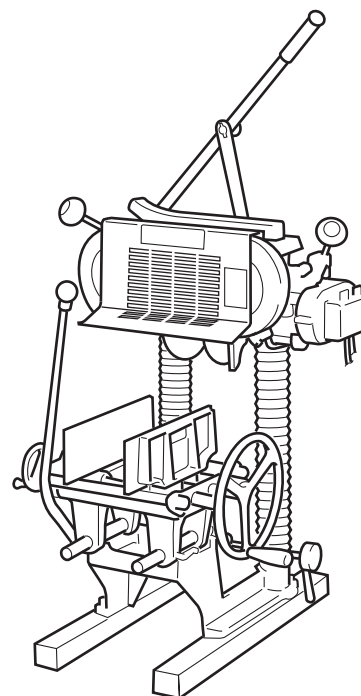
New Tool

Models No. ▶ 5500S

Description ▶ Tenonning Machine

CONCEPTION AND MAIN APPLICATIONS

Model 5500S is a new small and light tenon drill suitable for machining 90mm or shorter material. Features of this model are: high cost performance, electric motor drive, high cutting performance and good operability.



► Specifications

Voltage (V)	Current (A)	Cycle (Hz)	Max.	No Load Speed	
			Output(W)	Rip cut	Cross cut
100	15	50/60	1420	1650rpm	2200rpm

► Capacity

Vice width	45 to 210mm
Vice lateral movement	Right/ 20mm, Left/ 45mm (for 120mm wood)
Vice lengthwise movement	80mm
Max. vertical cutting	92mm
Max. lateral cutting	68mm
Saw opening (tenon width)	0 to 130mm
Max. tenon length	245mm
Max. tenon high	240mm (lateral blade; 240mm, vertical blade; 155mm)
Max. cut-off width	135mm

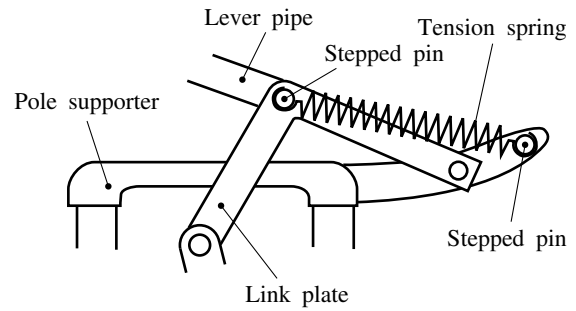
Outer dimensions	560W x 620L x 810H mm
Weight	68kg
Power Supply Cord	5m
Round saw size	Outer dia. 235mm x thickness 1.45mm x hole dia. 16mm (50 blades) Outer dia. 180mm x thickness 1.2mm x hole dia. 20mm (100 blades)

► Standard equipment

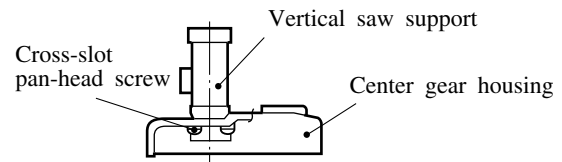
- Stand (support table) -----1
- Wrench (for adjustment of saw installation)-----1
- Bar (In order to stop the rotation flange
when the saw blade replacing) -----1

► Disassembly and assembly

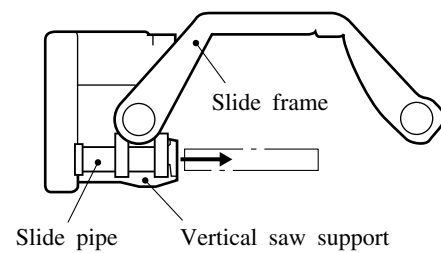
- 1) Remove stepped pins that connect lever pipe and link plate. Turn lever pipe to the right side of the tension spring until it stops and remove the tension spring. When hanging a tension spring, direction of hook should be as shown in the figure.



- 2) Remove four cross-slot pan-head screws inside the center gear housing, and disassemble vertical saw support and center gear housing.



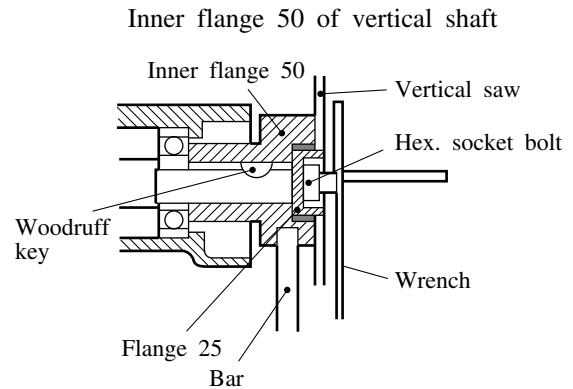
- 3) Remove spring pin that connects slide pipe and vertical saw support and pull out the slide pipe to the direction as shown in the figure, then disassemble the slide frame and vertical saw support.



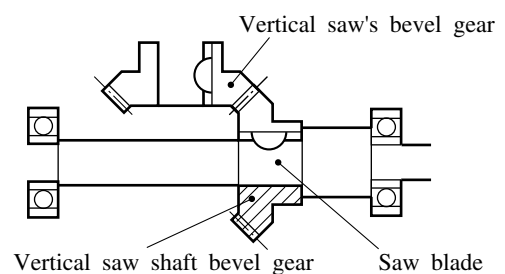
- 4) Replacement of carbon brush

Fully open the lever 240 outside and remove holder cap from the rear cover's hole by using a screwdriver then remove the carbon brush.

- 5) Insert a bar into the outer hole of inner flange and remove hex. socket bolt by using a wrench so that both inner flange 50 and flange 25 can be removed from saw blade shaft.



- 6) Remove gear housing of lateral saw section from the vertical saw support, and bevel gear of the lateral saw side will be disengaged. Separate saw blade shaft from vertical saw support, and the vertical saw shaft can be removed from the bevel gear.



► Adjustment of saw blade

- 1) When a diameter of vertical saw becomes small because of grinding, insert a bar into the outer hole of the vertical saw flange and stop the rotation. Use wrench 4-13 and turn hex. bolt in the rear side of the lateral saw shaft to move the vertical saw forward and backward, and align the lateral saw to the tip of the vertical saw. In the case of the ground lateral saw, make adjustment by moving the lateral saw's gear case right and left.