

WT RR1300V



Technical Specification

Model	WT RR1300V
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3-year warranty*
ensuring no hassle
and unforeseen costs



Quick return on
investment



Low Total Cost of
Ownership



Ensuring low price
by sourcing cleverly
in large quantities

Sanding structure	
Working Width	1300mm
Min Working Length	300mm
Working Thickness	3-150mm
Feeding Speed	5-30m/min
Total Power	36Kw
Feeding Motor	3.0Kw
Lifting Motor	0.55Kw
Motor for Brush Roller	1.5Kw
Motor of Vacuum	0.37Kw(optional)
Hardness of First Roller	26HA
Diameter of First Roller	φ240mm
Power of First Roller	15kw
Hardness of Second Roller	26HA
Diameter of First Roller	φ240mm
Power of Second Roller	15kw
Abrasive Belt Size	1330×2620mm
Working Air Pressure	0.6Mpa
Volume of Dust Collection Device	11000m3/h
Overall Dimensions	2235×2700×2450-2600mm
Worktable height	900mm
Net Weight	4600Kgs
Table	Fixed
Iron pallet	YES
Air cleaning of sandpaper	YES
Brush cleaning of panel	YES

Automatic centering of conveyor belt	YES
Press roller (rubber)	YES
CE	YES
Vacuum Table	Optional
Production lead time	55days

GENERAL FEATURES:

Base and working table

- * steel structure with electric cabinet on the machine front
- * sanding belts introduction from the machine right side
- * powered adjustment of working thickness
- * main motor positioned inside the base

Electrical equipment

- * automatic star-delta start of the main motor
- * overload protections on the motors
- * IP54 motor protection

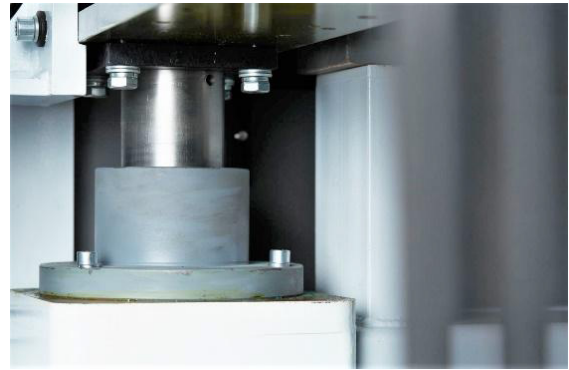
Emergency and safety devices

- * safety detection for overthickness
- * automatic brake for rapid shutdown of the operating group
- * front and rear emergency pushbutton
- * padlockable main switch
- * automatic emergency stop machine for:
 - sanding belt breaking
 - not-tensioned sanding belt
 - lateral outplacement of sanding belt
 - absence of compressed air
 - overload on main motor

Features:



Construction: New type of sanding unit structure, stable and reliable.



Lifting up: The lifting system has a built-in ball screw, make the positioning smooth and stable. The accuracy is 10 times better compared with ordinary screw.



Lifting up: The double row chain minimizes deviations of the lifting structure, caused by stretching by the chain. prolong the lifetime by 3 times.



Bearing: Germany FAG maintenance-free bearings, to ensure dynamic balance, with no vibration.



Air jet cleaning: The effective air jet cleaning of the sanding belts together with the hood that collect the dusts, prevent a dusty sanding machine and



Belt oscillation: The advanced device for the sanding belt oscillation, make it easy and convenient to adjust correct oscillation.

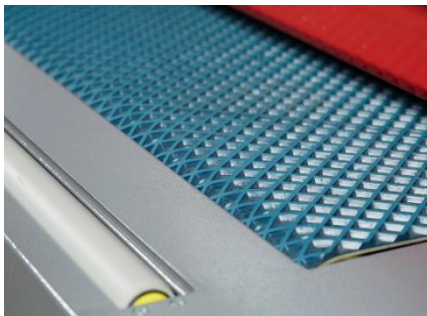
prolong the lifetime of the sanding belt, which create a better surface finish.



Switch: The Japanese Omron switch prevents the sanding belt to start and running without belt tension. Does also that the machine stops, if the sanding belt break.



Dust cleaning: The brush roller ensures a dust-free surface of the board, into the next process.



Conveyor belt: Conveyor belt from Germany brand Siegling, has 3 times higher friction than ordinary belt, very strong, no warping and no deformation.



Thickness protection: The front brake baffle and the non-independent suspension, prevents too thick workpieces to enter the machine.



SIEMENS/ABB:
Low-voltage Electrical parts are adopted,

Sanding belt control: The automatic belt adjustment avoids sanding belt to run off due to conical shape.

ensures enduring and steady service life.



Display: Siemens safety lock power switch handle, 10-inch touch screen control, simple and intuitive, convenient and fast.



Pressure control: Equipped with air pressure protection device, for avoid sanding defects and damage on the equipment, that is caused by low air pressure.



Pneumatic system: AIRTAC pneumatic system include maintenance free cylinder, magnetic valve and fittings from Taiwan, which ensures good quality and more stability.