


WT KR1300



Technical Specification

Model	WT KR1300 Planer+drum
Sanding structure	

Max. Working width	1300mm
Min. Working Length	280mm
Working Thickness	10-150mm
First unit: planer	φ180mm
Second unit:	φ240mm
First Unit: Motor	30kw
Second Unit: Motor	22kw
Conveyor belt: Motor	4kw
Lifting Motor	0.55kw
Brush roller: Motor	1.5kw
Total Power	58kw
First unit	planer
Second unit	80HA
Conveyor belt: Speed	5-24m/min
Abrasive Belt Size	1350*2620mm
Air Pressure	0.6Mpa
Overall Dimensions	2235 × 2700 × 2450-2600mm
Worktable height	900mm
Net Weight	4600 kgs
Air jet cleaning for sandpaper	YES
Table	Fixed
Conveyor belt centered automatically	YES
PLC control	YES
Iron pallet with soft package	YES
Voltage	415v/50hz/3phase
Production lead time	55days

GENERAL FEATURES:

Body Frame

*The base has a strong body frame in welded steel, to guarantee the stability and durability of the entire structure.

*All laser cutting, no seam gaps. This can make sure the sanding precision.

*All the body frame steel is annealing process. Reduce the internal stress of steel and ensure the stability of the overall machine.

Base

- * steel structure with electric cabinet on the machine front
- *Equipped with a thick, wear-resistant stainless steel work table that guarantees precision and sturdiness during any type of machining operation.
- * The work table is positioned at 900mm from the ground, thus ensure ease of panel loading and unloading.
- * 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

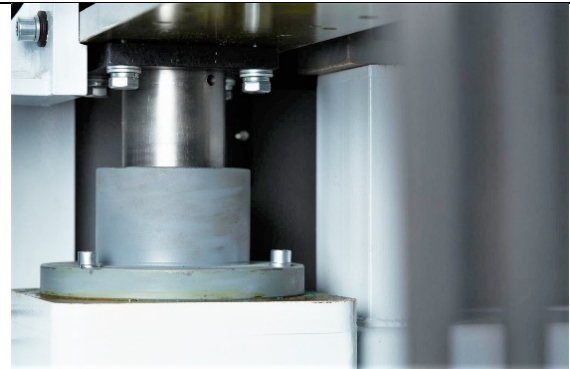
Emergency and safety devices

- * safety detection for over-thickness
- * Disc brakes. This motorcycle-driven system guarantees speed and safety.
- * automatic brake for rapid shutdown of the operating group
- * front and rear emergency push-button
- * 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.**



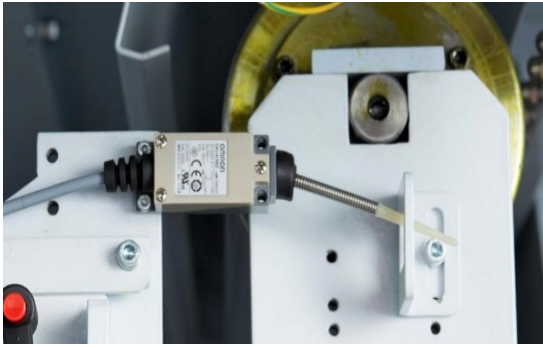
Bearing: Germany FAG maintenance-free bearings, to ensure dynamic balance, with no vibration. German optibelt brand triangle belt.



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



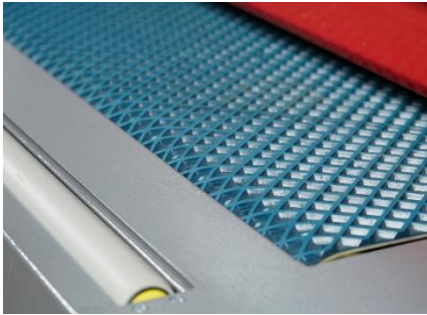
Belt oscillation: The advanced device for the sanding belt oscillation, make it easy and convenient to adjust correct oscillation.



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.



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



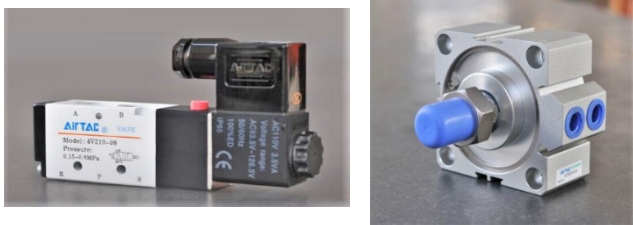
ABB/SIEMENS: Low-voltage Electrical parts are adopted, ensures enduring and steady service life.



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



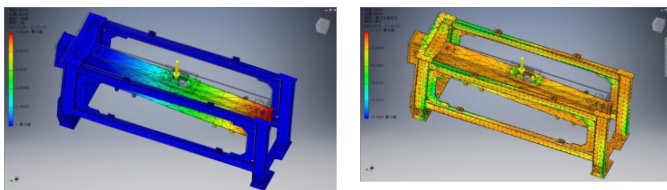
Pressure control: Equipped with air pressure protection device, for avoid sanding defects and damage on the equipment, that is caused by low air pressure.



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



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



Body Frame: Thickened high-strength, CAE-optimized and thermally stabilized steel structure and selected international top-level accessories to achieve outstanding robustness and reliability.



Package: Soft plastic wrap with iron pallet. Suitable for sea freight container shipping. Wooden crate package is extra cost.