



RK-SS6-PREMIUM

CNC SIX SIDE DRILLING MACHINE

INOVATIVE MACHINE TECHNOLOGY FOR INDUSTRIAL USE



Mainly used for drilling and grooving of panel furniture. It can process common panel furniture two-in-one and three-in-one connector installation hole functions; at the same time, it can realize panel slotting, milling, standard panel and special-shaped. The board can be processed; The machine can automatically identify the board information through wireless scanning of the board label, once positioned, it can automatically feed AND process all holes and slots, removing the need to flip the board. High precision, fast speed, and a variety of processing options. There is no need to adjust the machine for the seed board and the operation is simple, especially suitable for the production and processing of customized furniture.



**PREMIUM QUALITY
2 YEARS WARRANTY
AND UNLIMITED SUPPORT**

X axis travel	2800mm
Y axis travel	1220mm
Z axis travel	200mm
X axis speed	130m/min
Y axis speed	80m/min
Z axis speed	15m/min
Minimum processing size	38x180mm
Maximum processing size	Width 1220mm
Dimensions	6000x3000x2600mm
Working voltage, air pressure, power	AC380V/50Hz, ≥ 0.65 MPa
Spindles	3.5kW air cooled*2set
Drive system	Servo (HCFA)
Reducer	Japanese Shimpo
Rack gear	German Ronnie grinding grade
Scanning gun	Zebra/ Honeywell
Electrical parts	Schneider/ SwitzerlandABB
Machine size	5900x2250x2400mm
Packing size	6000x2800x2600mm
Weight	4200kg



4200KG

**HEAVY DUTY
STRUCTURE**



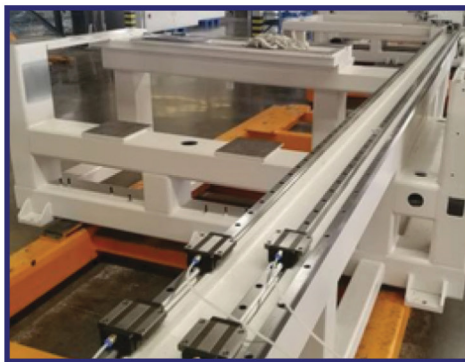
Control system
(HIGERMAN)



HCFA Servo motors and
drivers



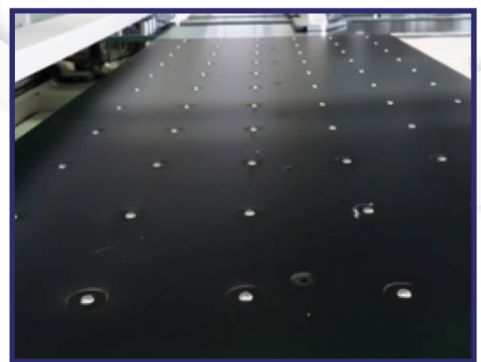
Upper drill unit: 12 vertical
drills+8 horizontal drills+
One 3.5kW spindle



Double linear rails



Lower drill unit: 9 vertical
drills+One 3.5kW spindle



Air-floated bead+steel
board



Floating Blow Clamp



Industry water chiller



Integral frame body

DETAILS

- ➔ Heavy-duty high-strength gantry design, high-speed movement of the drilling and milling mechanism without shaking, and stable operation of the equipment.
- ➔ It can scan codes in batches and automatically queue them up for processing, allowing forward and backward prioritisation for the operator.
- ➔ The system integrates its own CAM software, which is well tested, stable, and is convenient for docking with fully automatic production line.
- ➔ Intelligent floating clamp intelligent avoidance, large and small boards, special-shaped boards can be processed, double boards can be processed at the same time. The clamp positioning pile is scientifically designed to reduce the number of clamp switching times as much as possible and improve processing efficiency.
- ➔ It can be used for special-shaped cutting, glass door engraving and milling, with complete functionality.
- ➔ Computer operation, CAD drawing, CAM import, can directly import DXF, MPR/XML and other open data formats, easy to operate. Can connect with American CV, French Topsolid, Haixun, Sanweijia, Yunxi and other well known domestic and foreign design orders software.

INTELLIGENT FACTORY FOR INDUSTRIAL MACHINES WITH STRICT QUALITY GUIDELINES



Robot welding system



Heat treatment equipment



Shot blasting machine



Large metal milling machine