

CNC MACHINING CENTER STM650/STM850



Main configuration & accessories:

1. Resin sand casting;
2. X, Y, Z rails adopt stainless steel telescopic cover;
3. Taiwan production pneumatic cylinder;
4. Taiwan ATC, carousel type and disc type are available as option;
5. Headstock balancing system have heavy casting or nitrogen balance system as option;
6. Full enclosed cover;
7. Rigid tapping;
8. Work lamp;
9. USB and Internet interface;
10. Manual pulse generator (MPG);
11. Centralized automatic lubrication system.
12. Cooling system.
13. Heat exchanger for electrical cabinet ;
14. Leveling blocks & bolts;
15. Toolbox and tools;

Product Description

Model	STM650	STM850
Table size	900*400mm	1000*500mm
Max. table load	450kg	600kg
T slot qty-width*distance	3-18*125	5-18*100
spindle speed	8000rpm	8000rpm
spindle nose to table surface	100-600mm	150-650mm
Spindle center to Column surface	476mm	580mm
Spindle taper	BT40	BT40
Main motor power	5.5kw	7.5kw
Three-axis servo motor power	1.0/1.0/1.5kw	2.0/2.0/3.0kw
Force on X, Y, Z axes	10/10/15kn	10/10/15kn
X axis travel	650mm	800mm
Y axis travel	400mm	500mm
Z axis travel	500mm	500mm
X/Y/Z axis rapid feed	24/24/24m/min	48/48/48m/min
Feeding rate	10 m/min	10 m/min
Tool changer type	16 tools Umbrella type	16 tools Umbrella type
Optional Tools capacity	24 tools arm type	24 tools arm type
Max. tool length	350mm	350mm
Max. Tool diameter	φ100	φ100
Max.tool(kinfe) weight	7kg	7kg
Positioning accuracy	±0.007mm	±0.007mm
Repeat positioning accuracy	±0.004mm	±0.004mm
Net Weight	4500kg	6000kg
Overall Dimension	2300*2200*2400mm	2780*2450*2700mm

Standard Accessories:

Siemens 808D control system
High speed spindle 8000 rpm from Taiwan
16 tools ATC from Taiwan
3-Axis linear guideway from Taiwan,
Full-cover protection,
Work lamp,
Tri-color indication lamp,
Coolant system,
Auto-lubrication,
Electrical handwheel
Water gun
Air gun
Heat exchanger

Optional accessories:

Fanuc 0i MF (5) CNC control system
24 Tools Round type ATC
Spindle 12000rpm(direct coupling)
Spindle Oil cooler
Automatic chip conveyor& chip bucket(Chain type)
Air conditioner for electricity cabinet



STARMAC MACHINERY CO.,LTD

9F.-1, No.237, Zhongming s. Rd., West Dist., Taichung city, Taiwan

Email: starmactaiwan@gmail.com