HTS-300PC-8S

Floor-standing 8-Axis Intelligent Screw Fastening Robot

H.O.T

Product Description:



Specifications:

Screwing Range:	300*350*90mm（X*Y*Z）
Drive System:	JMC Closed-loop Motor
Linear Guide:	Wecn
Positioning Accuracy:	±0.02 mm
Control System:	High-performance MCC + Integrated Computer
Feeding Mode:	Vacuum/Magnetic Feeding
Screwdriver:	Servo Screwdriver
Feeder:	2 sets
Cycle Time:	1.5-1.8s
Program Capacity:	100 sets
Communication Interface:	USB
Power Supply:	AC220V
Air Supply:	0.5-0.6MPa
Power:	1350W
Dimension:	900*800*1750mm（W*L*H）
Weight:	300KG

Product Features:

- Supports Vacuum/Magnet feeding (Requires nozzle changeover) ; Can fasten Stainless Steel screw and SEMS screw. (Vacuum feeding) ; Can work on deep holes, slanting holes, cambered surface, surface of different height.(Magnetic feeding) .
- Intelligent servo screwdriver, Rotaton Speed (0-3000r), high accuracy (±5%), low noise, long service life, no need repairing. Torque (0.3-9KGf.cm) adjustable on the operation panel.
- Aluminum structured, sheet metal shell, high stability. Feeder and Z-axis structure heights are adjuctable, supports workpieces of different height. A pair of built-in safety sensors, safe and exquisite.
- Integrated computer. (Wire network and Wi-Fi, both available).
- Supports status capturing and MES uploading, easy to trace back. (Option: Manual or Auto upload).
- USB Code scanner available, screwing status will be automatically connected to the product code.
- Displacement sensor available. Inspecting float height and automatically fix the float issue.
- Vacuum pressure sensor availavle. Check if the screws in the vacuum nozzle have fallen off.
- PC and smart phone remote control available. (Need to download App).
- Intelligent screwdriver, can show the torque waveform diagram in time.
- Optional: CCD Vision-assist, features high accuracy screw fastening.

Equipment Parameters:

Model	HTS-250E-6A	HTS-250E-6S	HTS-560E-6S	HTS-250H-6S	HTS-320E-6S	HTS-300PC-4S	HTS-300PC-8S
	6-Axis Automatic	6-Axis Automatic	5-Axis Dual-head	6-Axis Back-to-back	6-Axis Pneumatic	Floor-standing 4-Axis	Floor-standing 8-Axis Intelligent
Dimension	1070*760*770mm	900*870*785mm	900*870*785mm	760*930*740mm	910*1150*1600mm	900*800*1750mm	900*800*1750mm
Screwing Range	240*410*90(X*Y*Z)	540*410*90(X*Y*Z)	540*410*90(X*Y*Z)	230*600*90(X*Y*Z)	320*780*90(X*Y*Z)	300*350*90(X*Y*Z)	300*350*90(X*Y*Z)
Feeder	2 Sets	2 Sets	2 Sets	2 Sets	2 Sets	1 set/2 sets	2 Sets
Cycle Time	1.5s-1.8s	1.1s-1.3s	1.1s-1.3s	1.5s-1.8s	0.8s-1s	1.5s-1.8s	1.5s-1.8s
Program Capacity	100 sets						
Power	1000W	1000W	900W	1000W	900W	1350W	1350W
Weight	120KG	125KG	125KG	125KG	150KG	200KG	300KG
Power Supply	AC220V						
Drive System	JMC Closed -loop Motor	JMC Closed-loop Stepper Motor	JMC Closed-loop Stepper Motor	JMC Closed-loop Stepper Motor	JMC Closed-loop Stepper Motor	JMC Closed -loop Motor	JMC Closed -loop Motor
Linear Guide	Wecn						
Positioning Accuracy	±0.02 mm						
Control System	High-performance MCC + Touch Panel						
Feeding Mode	Vacuum/Magnetic	Vacuum/Magnetic	Vacuum/Magnetic	Vacuum/Magnetic	Pneumatic	Vacuum/Magnetic	Vacuum/Magnetic
Screwdriver	Servo Screwdriver						
Air Supply	0.5-0.6MPa						
Communication Interface	USB						

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