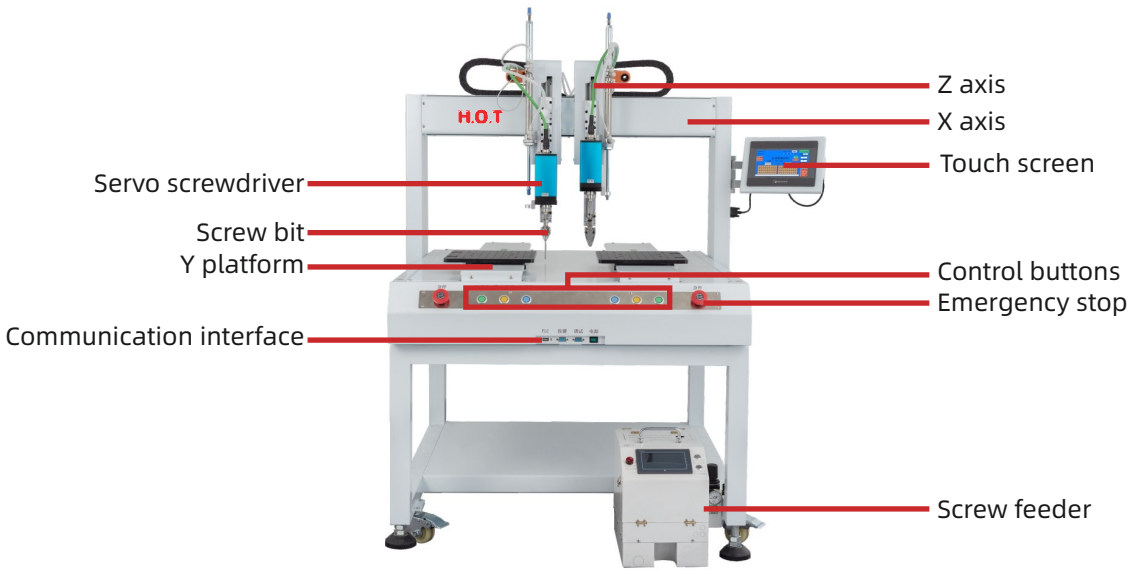
HTS-320E-6S

6-Axis Pneumatic Screw Fastening Robot

H.O.T

Product Description:



Specifications:

Screwing Range:	320*780*90mm（X*Y*Z）
Drive System:	JMC Closed-loop Stepper Motor
Linear Guide:	Wecn
Positioning Accuracy:	±0.02 mm
Control System:	High-performance MCC + Touch Panel
Feeding Mode:	Pneumatic feeding
Screwdriver:	Servo Screwdriver
Feeder:	2 sets
Cycle Time:	0.8s-1s
Program Capacity:	100 sets
Communication Interface:	USB
Power Supply:	AC220V
Air Supply:	0.5-0.6MPa
Power:	900W
Dimension:	910*1150*1600mm（W*L*H）
Weight:	150KG

Product Features:

- Pneumatic feeding, no need to move back and forth, high efficiency.
- Able to fasten screws on work surfaces with height difference.
- Can work on deep holes, slanting holes, cambered surface, surface of different height.
- Screwdriver supports two different torque for a same workpiece.
- Can integrate 2 different screwing processes. (Finish one process, stop to put on parts, then start another).
- Intelligent servo screwdriver, high speed and high accuracy, low noise, long service life, no need repairing. Torque (0.3-9KGf.cm) , Rotaton Speed (0-3000r) , adjustable on the operation panel.
- Sheet metal structured, high rigidity. Z-axis has a long travel range, realizes high compatibility for different height.
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- Closed-loop stepper motor, high accuracy. Supports position compensation, reduce placement errors.
- Equipped with self-developed MCC, adopts user-friendly programming with optional drag-and-drop teaching mode for easy programming operation.
- Features HMI touch screen, dynamically displays screwing status, timely monitors rotation speed and torque.
- 2 heads, 2 platforms, pneumatic feeding. Efficiency is 1.5 time as high as 4-axis robots.

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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