HTS-230C-4SP
4-Axis Pneumatic Screw Locking Robot

H.O.T

Product Description:



Specifications:

Screwing Range:	280*410*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:	1 set
Cycle Time:	0.5s-0.8s
Program Capacity:	100 sets
Communication Interface:	USB
Power Supply:	AC220V
Air Supply:	0.5-0.6MPa
Power:	900W
Dimension:	710*730*950mm（W*L*H）
Weight:	100KG

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.
- Intelligent servo screwdriver supports 2 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.
- 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.
- Weinview HMI touch screen, dynamically displays screwing status, timely monitors rotation speed and torque.
- 1 head, 2 platforms. Pneumatic feeding, 2 station alternate working, efficiency is 2 times as high as vacuum feeding.

Equipment Parameters:

Model	HTS-180C-4C	HTS-180C-4A	HTS-200C-4A	HTS-230C-4S	HTS-280C-4S	HTS-230C-4SP
	4-Axis Automatic	4-Axis Pneumatic	4-Axis Pneumatic	4-Axis Automatic	4-Axis Automatic Large	4-Axis Pneumatic
Dimension	760*720*770mm	750*760*770mm	820*720*770mm	710*730*780mm	810*730*780mm	710*730*950mm
Screwing Range	180*440*90(X*Y*Z)	250*400*90(X*Y*Z)	270*400*90(X*Y*Z)	210*410*90(X*Y*Z)	260*410*90(X*Y*Z)	280*410*90(X*Y*Z)
Feeder	1 Set	1 Set	1 Set	1 set (Optional up to 3 sets)	1 set(Optional up to 3 sets)	1 Set
Cycle Time	1.5s-1.8s	0.5s-0.8s	0.5s-0.8s	1.5s-1.8s	1.5s-1.8s	0.5s-0.8s
Program Capacity	100 sets					
Power	900W					
Weight	100KG	100KG	110KG	100KG	110KG	100KG
Power Supply	AC220V					
Drive System	JMC Closed-loop Stepper Motor					
Linear Guide	Wecn					
Positioning Accuracy	±0.02 mm					
Control System	High-performance MCC + Touch Panel					
Feeding Mode	Vacuum/Magnetic	Pneumatic	Pneumatic	Vacuum/Magnetic	Vacuum/Magnetic	Pneumatic
Screwdriver	Servo Screwdriver					
Air Supply	0.5-0.6MPa					
Communication Interface	USB					

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