HTS-460C-3SP
3-Axis Pneumatic Screw Fastening Robot

H.O.T

Product Description:



Specifications:

Screwing Range:	420*360*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:	800W
Dimension:	765*660*780mm（W*L*H）
Weight:	55KG

Product Features:

- Pneumatic feeding, no need to move back and forth, high efficiency.
- Able to fasten screws on work surfaces with height difference.
- 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 platform, pneumatic feeding, large screwing range.

Equipment Parameters:

Model	HTS-260C-3S	HTS-460C-3A	HTS-460C-3S	HTS-460C-3SP	HTS-460C-DH
	3-Axis Mini	3-Axis Large	3-Axis Large	3-Axis Pneumatic Large	3-Axis Deep Hole Magnetic Large
Dimension	570*520*730mm	690*680*772mm	765*660*780mm	765*660*780mm	765*660*780mm
Screwing Range	260*240*90(X*Y*Z)	420*360*90(X*Y*Z)			
Feeder	1 Set/2 Sets	1 Set/2 Sets	1 Set/2 Sets	1 Set	1 Set/2 Sets
Cycle Time	1.5s-1.8s	1.5s-1.8s	1.8s-2s	0.5s-0.8s	1.8s-2s
Program Capacity	100 sets				
Power	600W	800W			
Weight	45KG	55KG			
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 Feeding				
Screwdriver	Servo Screwdriver				
Air Supply	0.5-0.6MPa				
Communication Interface	USB				

Hotwin Technology Co.,Ltd

Website: www.hotwintech.com E-mail: sales@hotwintech.com Tel: +86 755-2919 8013