

Conventional Automatic  
Screw Tightening Machine  
HW-C60

- Tailor-made according to the workpiece and screws, and tighten the assembly in three ways: Pneumatic blowing, pneumatic suction, blowing and suction



Applicable parts

Specifications	M1.0-20mm L2.0-90mm
Category	Screws, nuts, sleeves, rivets, plugs, washers

Equipment parameters

Working power supply	AC220V 50Hz/AC 110V 60Hz 1600W
Working pressure	5.5±0.5kgf/cm2
Torque upper limit	500kgf.cm(50N.m)
Running accuracy	1000mm/sec ±0.02mm/axis
Control method	PLC+HMI industrial computer+display
Motion module	Servo motor + screw slide; linear motor + linear slide
Programming	Independent development of Chinese and English operating software
Feeding method	Pneumatic blowing, pneumatic suction, blowing and suction (stuck rate≤1‰)
Working frequency	2.0-3.0s/time
Applicable screwdriver	Electric screwdriver; Servo screwdriver
Effective stroke	Customized according to the product
Integrated function	Standard model Torque detection + depth control + MES function Screw loose + floating lock + missing lock alarm and prompt

Robot Automatic  
Screw Tightening Machine  
HW-60A

- The robot moves and tightens, the fixture does not move when tightening, it can be installed online or work in fixed mode



Applicable parts

Specifications	M1.0-20mm L2.0-90mm
Category	Screws, nuts, sleeves, rivets, plugs, washers

Equipment parameters

Working power supply	AC220V 50Hz/AC 110V 60Hz 2200W
Working pressure	5.5±0.5kgf/cm2
Torque upper limit	500kgf.cm(50N.m)
Running accuracy	1000mm/sec ±0.02mm/axis
Control method	PLC+HMI industrial computer+display
Motion module	Four-axis six-axis multi-axis robot
Programming	Independent development of Chinese and English operating software
Feeding method	Pneumatic blowing, pneumatic suction, blowing and suction (stuck rate≤1‰)
Working frequency	2.0-3.0s/time
Applicable screwdriver	Electric screwdriver; Servo screwdriver
Effective stroke	Customized according to the product
Integrated function	Robot movement Torque detection + depth control + MES function Screw loose + floating lock + missing lock alarm and prompt