



# ЦНЦ РУТЕР

**RK-213-SERVO**

**РЕЗЕРВНИ ДЕЛОВИ**



### X-Axis Servo Motor

Brand: LeadShine  
 Model: 863HSM80H-E1  
 Step Angle: 1.2degrees  
 Holding Torque: 7Nm  
 Encoder Resolution: 1000cpr  
 Shaft Diameter: 14mm



### Y-Axis Servo Motor

Brand: LeadShine  
 Model: 863HSM80H-E1  
 Step Angle: 1.2degrees  
 Holding Torque: 7Nm  
 Encoder Resolution: 1000cpr  
 Shaft Diameter: 14mm

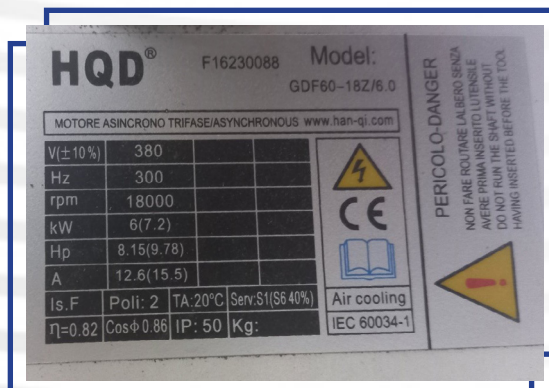
### Z-Axis Servo Motor

Brand: LeadShine  
 Model: 863HSM80H-E1  
 Step Angle: 1.2degrees  
 Holding Torque: 7Nm  
 Encoder Resolution: 1000cpr  
 Shaft Diameter: 14mm



### Spindle

Brand: HQD Asynchronous  
 Model: GDF60-18Z/6.0 F16230088  
 Input Voltage: 380V 300HZ  
 RPM: 18000  
 kW/Power: 6kW (7.2kW peak)  
 Current: 12.6A (15.5A peak)  
 Cooling: Air Cooled  
 Torque: 3.18Nm  
 Spindle: ER32



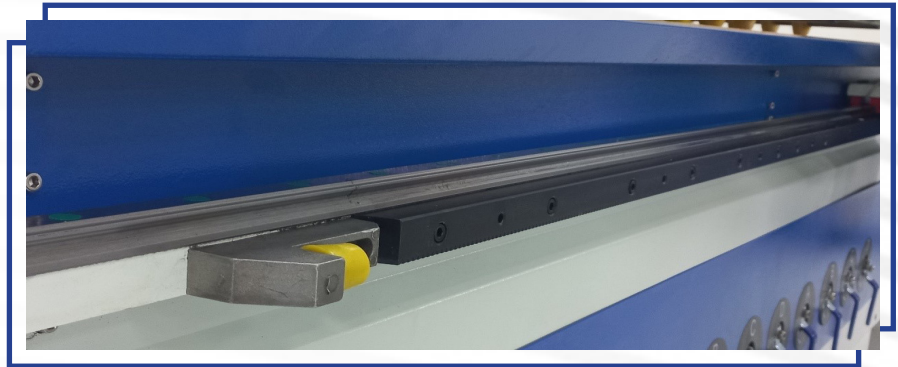
**X-Axis Linear Rail (x2)**

Model: HGR20  
 Width: 20mm  
 Height: 20mm



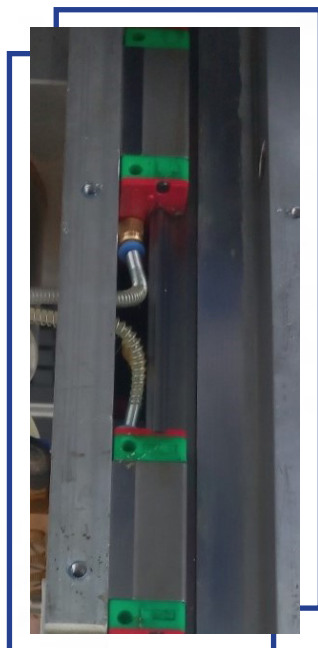
**Y-Axis Linear Rail (x2)**

Model: HGR20  
 Width: 20mm  
 Height: 20mm



**Z-Axis Linear Rail (x2)**

Model: HGR20  
 Width: 20mm  
 Height: 20mm



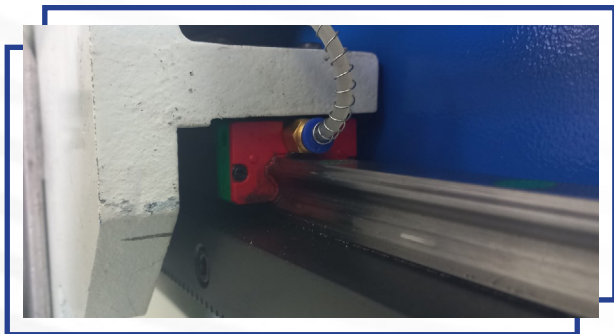
**X-Axis Linear Ball Bearing Block/Carriage (x4)**

Model: HG20  
 Tubing: 4mm



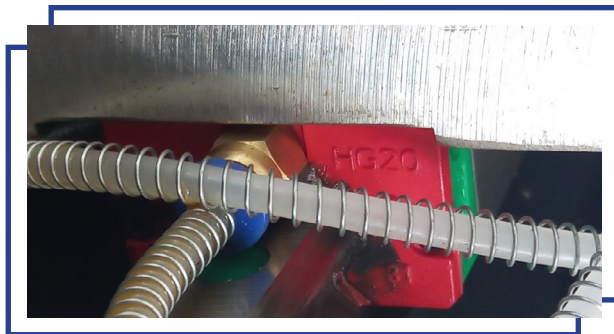
### Y-Axis Linear Ball Bearing Block/Carriage (x4)

Model: HG20  
Tubing: 4mm



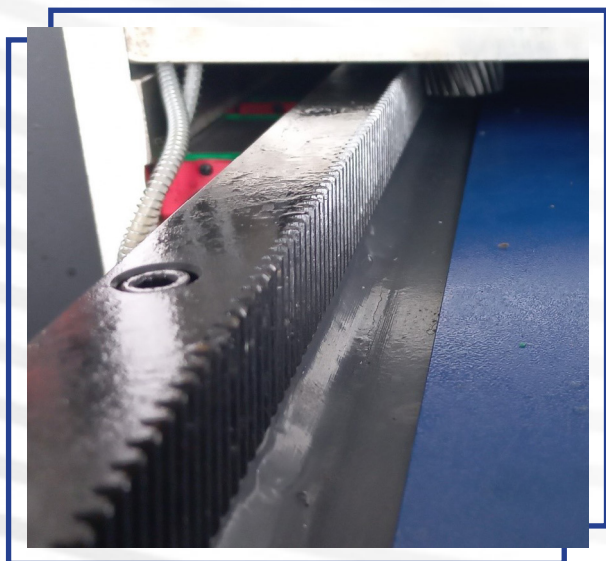
### Z-Axis Linear Ball Bearing Block/Carriage (x4)

Model: HG20  
Tubing: 4mm



### X-Axis Helical Rack

Width: 25mm  
Height: 22mm  
Angle: 30degrees



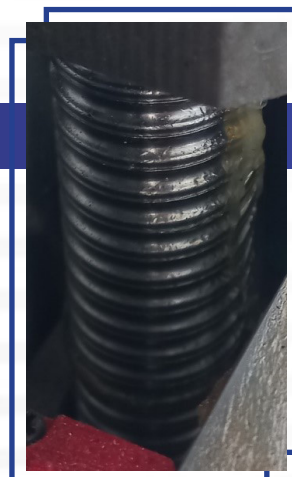
### Y-Axis Helical Rack (x2)

Width: 25mm  
Height: 22mm  
Angle: 30degrees



### Z-Axis Ballscrew

Diameter: 23mm



**Inductive Proximity Switch/Sensor (x3)**

Brand: JYKJ  
 Model: SN05-NA1  
 Power: DC 10-30V  
 Detection Distance: 5mm

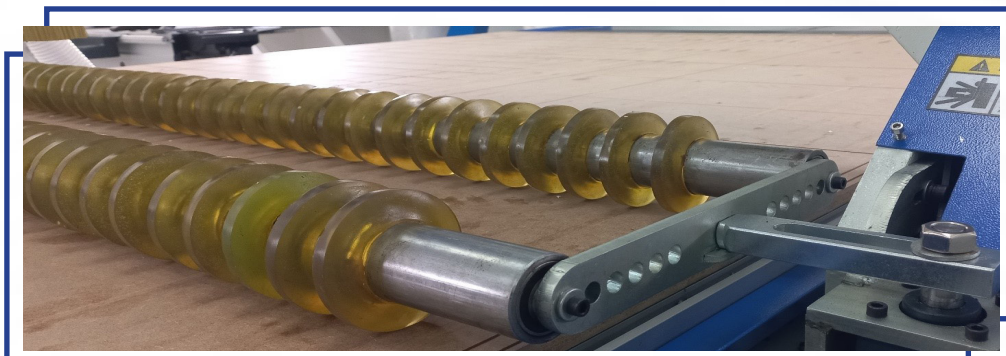


**Pneumatic Manual Valve**

Brand: Sandle Casatl  
 Model: 4H210-08  
 Standard: ISO9001  
 Tubing: 8x5mm



**Rubber Support Roller (x2)**

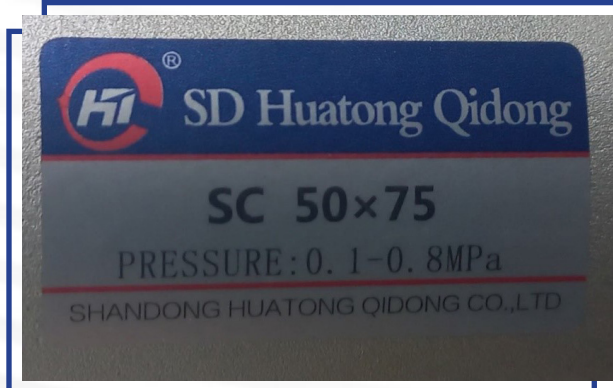


### Servo Motor Mounting/Transmission Block



### Pneumatic Actuator

Brand: Huatong Qidong  
 Model: SC 50x75  
 Pressure: 0.1-0.8Mpa  
 Tubing: 8x5mm

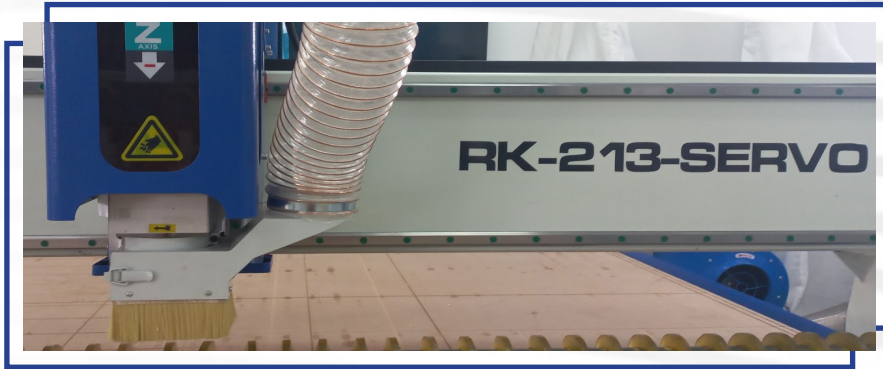


### Automatic Oil Dispenser

Brand: Daloma  
 Model: HC-2232-150X  
 Input: AC 220V 50/60Hz  
 Dispensing Amount: 110-150cc/min  
 Dispensing Pressure: 2.0 Mpa  
 Tubing: 4mm



### Dust Extraction System (Spindle)

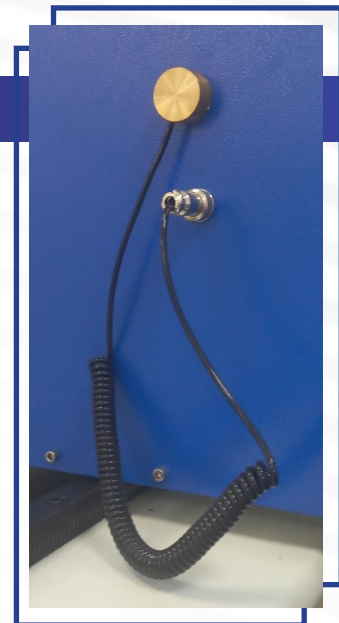


### Spindle Head Dust Extraction Brush

Brushes Height: 60mm  
Brushes Length: 110mm



### Tool Height Calibration Sensor

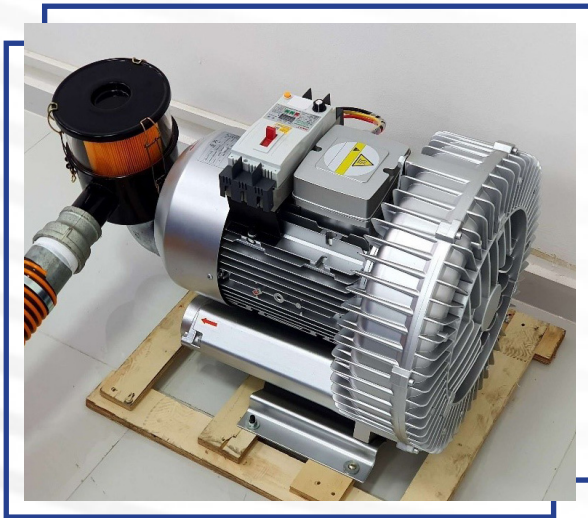


**Vacuum Pump**

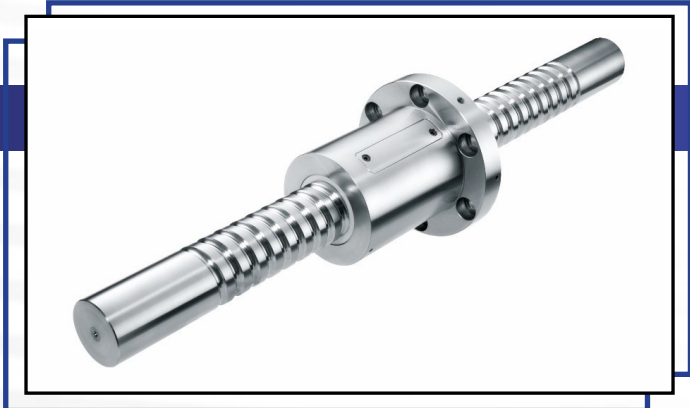
Model: Baili 2GH810H27  
 Power: 7,5kW 380V 50/60Hz  
 Rpm: 2840rpm  
 Flow: 530/600 m3/h  
 Vacuum: -400/420 mBar  
 Serial: Y230808114

**Motor protector:**

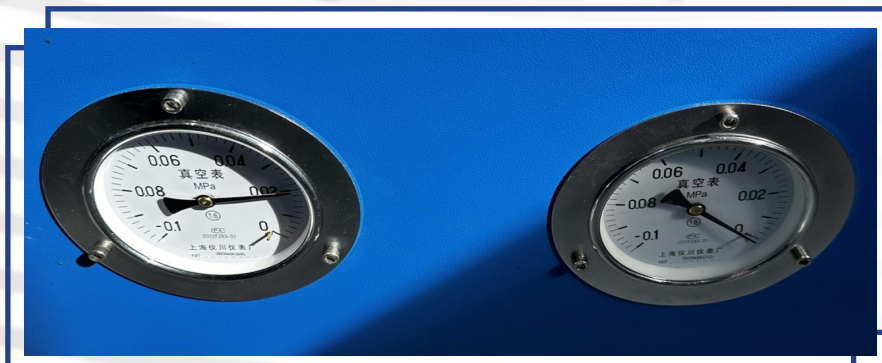
Baili DZ15LD-100  
 2A-40A 1.1-11kW  
 AC: 380V AC-3 50Hz



**Z-Axis LeadScrew**



**Vacuum Pump Manometer / Negative Pressure Gauge (x2)**





## Servo Motor Drivers

Brand: LeadShine  
 Model: H2-2206 AC Hybrid Servo Drive  
 Input: 1PH AC 220V 50/60Hz  
 Output: 0-220V 6.0A  
 Pulse response frequency: 200KHz



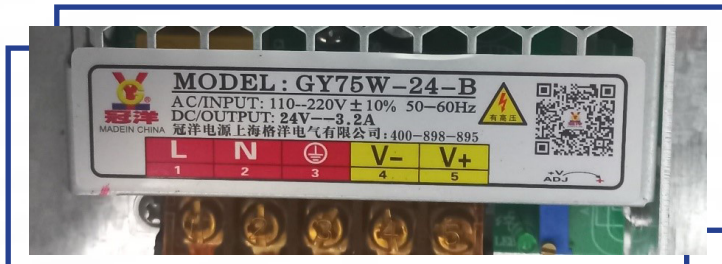
## Control Board

Brand: Weihong  
 Model: Lambda 3S Motion Control System PM95A  
 Max. Pulse Output frequency: 1MHz  
 Serial Communication, baud rate 10Mbps



## Power Supply 24V

Brand: GuanYang  
 Model: GY75W-24-B  
 Input: AC 110-220V 50/60Hz  
 Output: DC 24V 3.2A



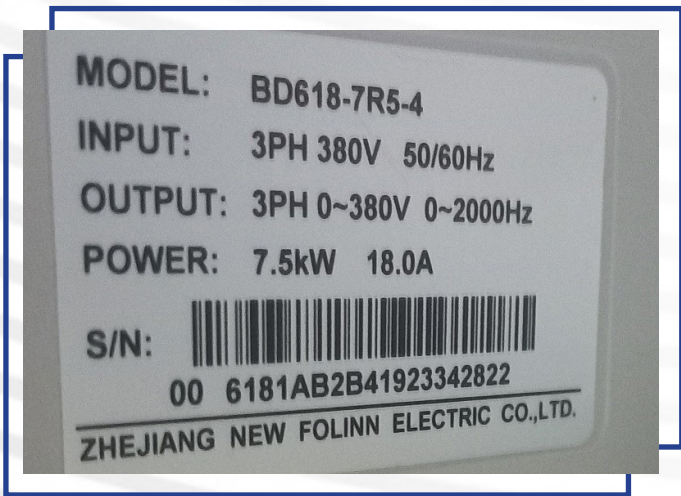
**Power Supply 12V**

Brand: GuanYang  
 Model: GY25W-12-A  
 Input: AC 110-220V 50/60Hz  
 Output: DC 12V 2A



**Inverter**

Brand: Zhejiang Electric  
 Model: BD618-7R5-4  
 Input: 3PH 380V 50-60Hz  
 Output: 3PH 0-380V 0-2000Hz  
 Power: 7.5kW 18.0A



**Power Button**

E-Stop	- HELIJIA LAY38 LA38, LA39	UI 660V	GB/T 14048,5
On/Off	+ LED - HELIJIA LAY38 LA38, LA39	UI 660V	GB/T 14048,5
Dust Extraction	- TIANBO CHTBO LAY39	UI 660V	10A A032049
Vacuum Pump	- TIANBO CHTBO LAY39	UI 660V	10A A032049
Vacuum Pump	- TIANBO CHTBO LAY39	UI 660V	10A A032049



### Main Circuit Breaker

Brand: Schneider Electric  
 Model: IC65N C 63A  
 A9F184453

#### Clip-on DIN rail mount:

Brand: Schneider Electric  
 Model: A9V57463  
 Power Rating: 63A 240-415V,  
 trip sensitivity: 300mA



### Contactor (x4)

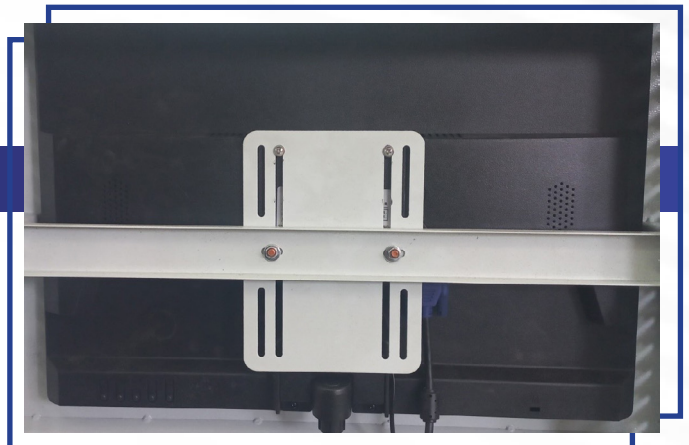
Brand: Schneider Electric TeSys (x1)  
 Model: LC1D32  
 Power Rating: 3PH 32A ← 690V AC 25-400Hz

Brand: Schneider Electric TeSys  
 Model: LC1D18  
 Power Rating: 3PH 18A

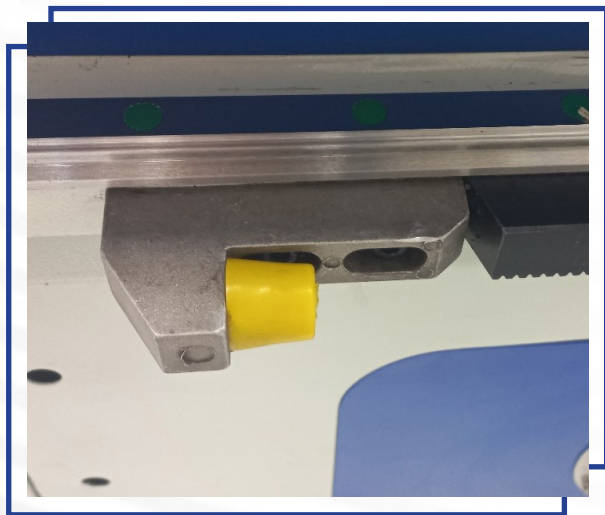


### Monitor Screen

Brand: Agen  
 Model: XF190  
 Input: DC 12V 2.5A



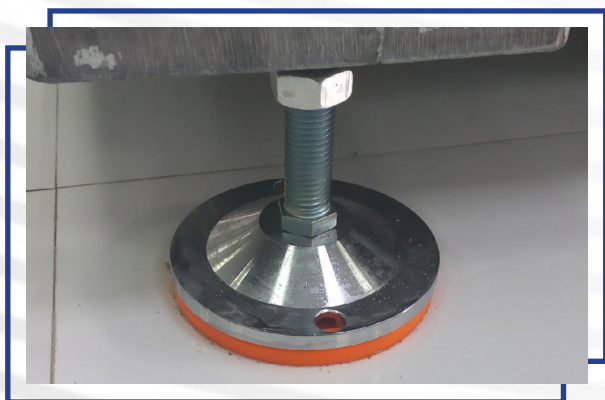
Physical End Stop (x6)



Dust Extraction Silicon Tube with Copper Wire



Anti-Shock, Anti-Vibration Leg Stand (x6)

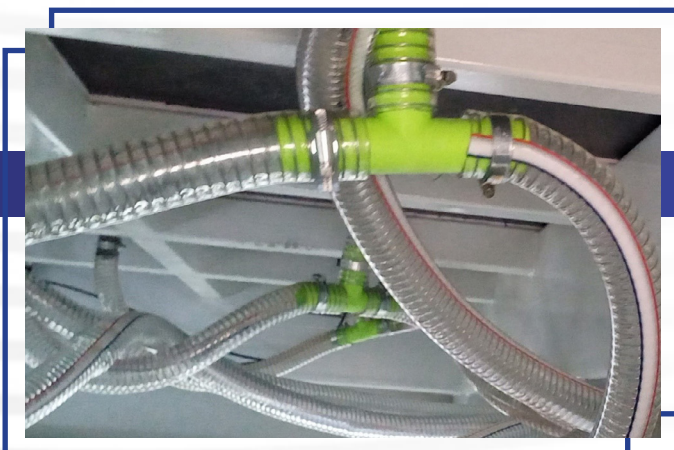


Z-Axis Ballscrew Mounting Blocks (x2)



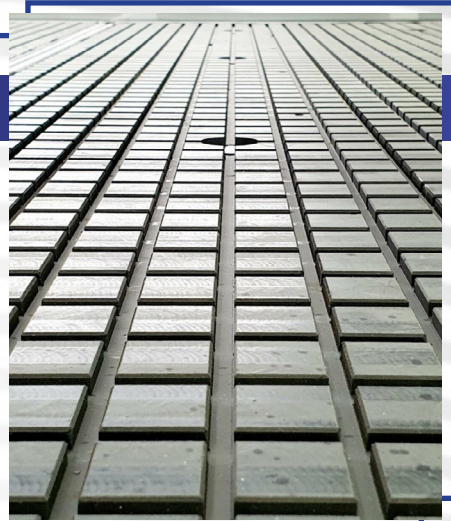
Inner Vacuum System

Diameter: 80mm



### Vacuum Bed

Length: 3000mm  
 Width: 2100mm  
 Height: 24mm



### Main Pressure Regulator

Brand: Xingyue  
 Model: AFC2000  
 Pressure: 0.15-0.8MPa  
 Tubing: 8x5mm

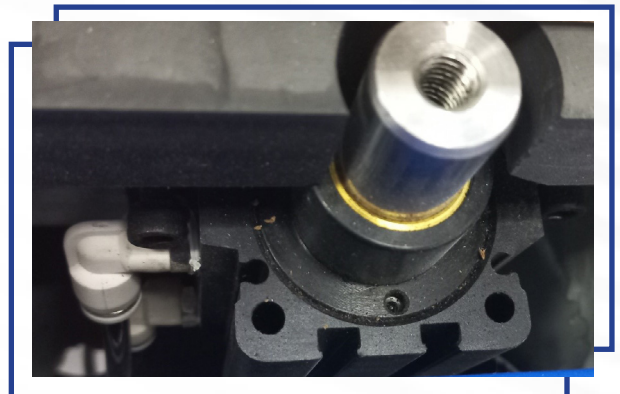


### ER32 UM Collet Spanner



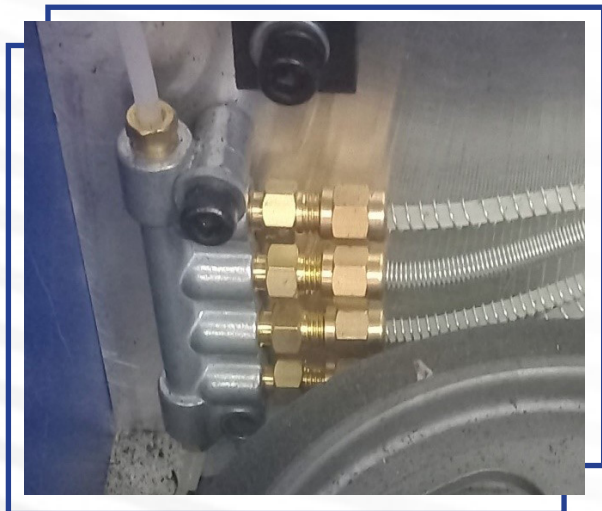
### Positioners

Tubing: 6x4mm



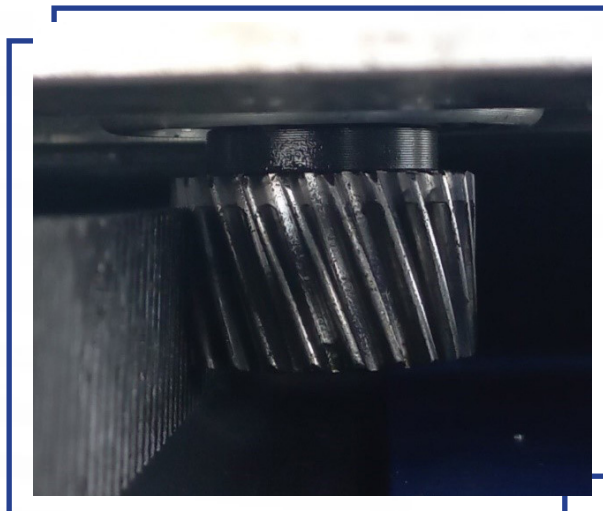
### Oil Distribution Block

Intake Tubing Diameter: 4mm  
Dispensing Tube Diameter: 4mm



### Helical Pinion (x3)

Diameter: 33mm  
Shaft Diameter: 14mm  
Angle: 30 degrees  
Height: 20mm



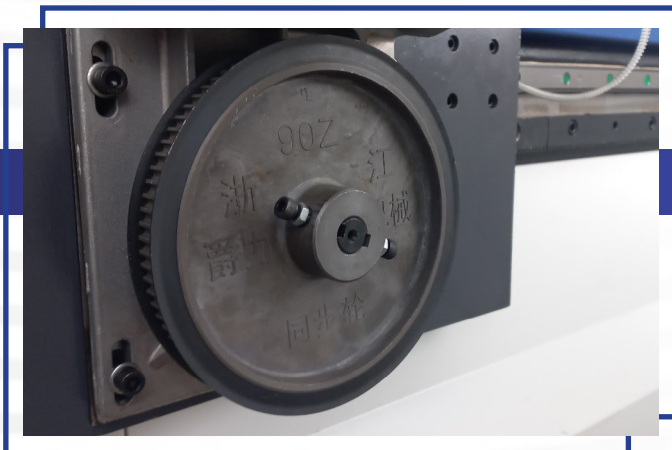
### Transmission Pulley Timing Belt

Type: HTD 550-5M



### Transmission Pulley (Large) (x3)

Diameter: 148mm  
Shaft Diameter: 14mm  
Height: 20mm



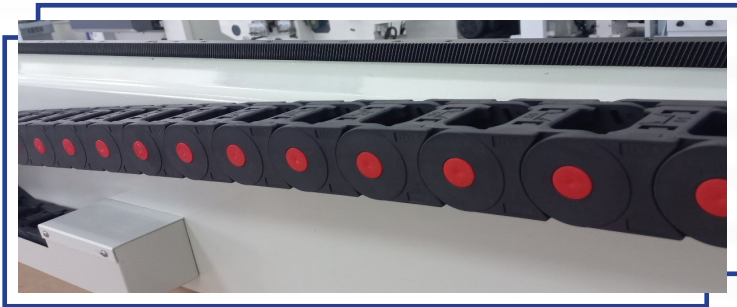
**Transmission Pulley (Small) (x3)**

Diameter: 35mm  
Shaft Diameter: 14mm  
Height: 20mm



**X-Axis Drag Chain Cable Organizer**

Cable Slot Diameter: 50mm  
Height: 35mm



**Y-Axis Drag Chain Cable Organizer**

Cable Slot Diameter: 50mm  
Height: 35mm



**Z—Axis Cable Organizer**

Height: 40mm  
Width: 55mm



**Electrical Cabinet Cooling Fans (x3)**

Height: 150mm  
Length: 150mm





#### КОНТАКТ

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#### РАБОТНО ВРЕМЕ

Пон.-Пет.: 09:00-17:00

Саб.: 09:00-14:00



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