



# ЦНЦ РУТЕР

**RK-132-ECO**

**РЕЗЕРВНИ ДЕЛОВИ**



## Stepper motor

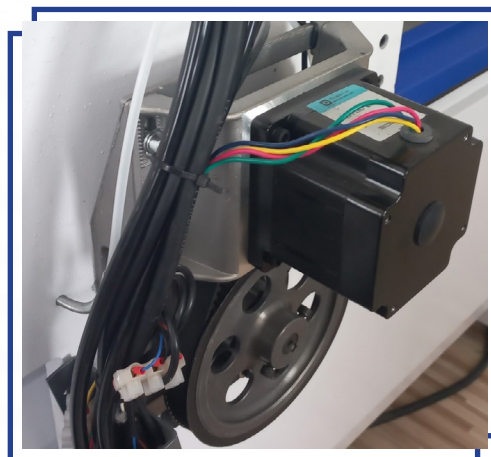
### ◦ X-axis

Brand: CW-Motor  
 Model: 86BHH-400B-35  
 Step angle: 1.8 +/- 5%  
 Radial Play: 0.02 max  
 Current: 4A  
 Torque: 2700g.cm2  
 Body Length: 76mm  
 Shaft Diameter: 12.7+ Key slot



### ◦ Y-axis (x 2)

Brand: CW-Motor  
 Model: 86BHH-400B-35  
 Step angle: 1.8 +/- 5%  
 Radial Play: 0.02 max  
 Current: 4A  
 Torque: 2700g.cm2  
 Body Length: 76mm  
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### ◦ Z-axis

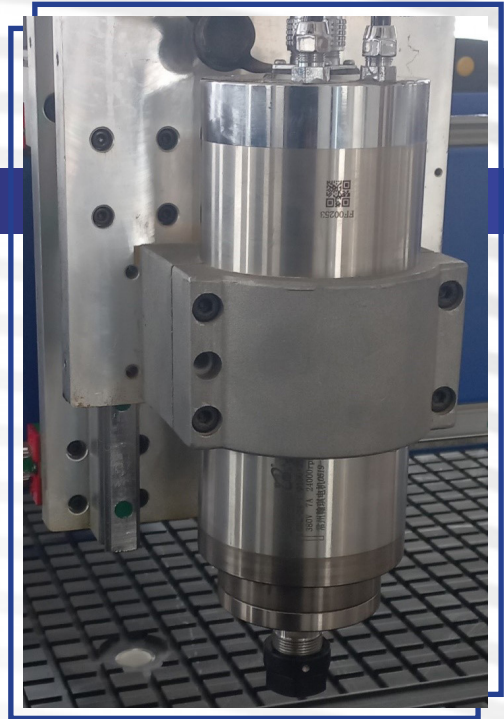
Brand: CW-Motor  
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 Current: 4A  
 Torque: 2700g.cm2  
 Body Length: 76mm  
 Shaft Diameter: 12.7+ Key slot





## Spindle

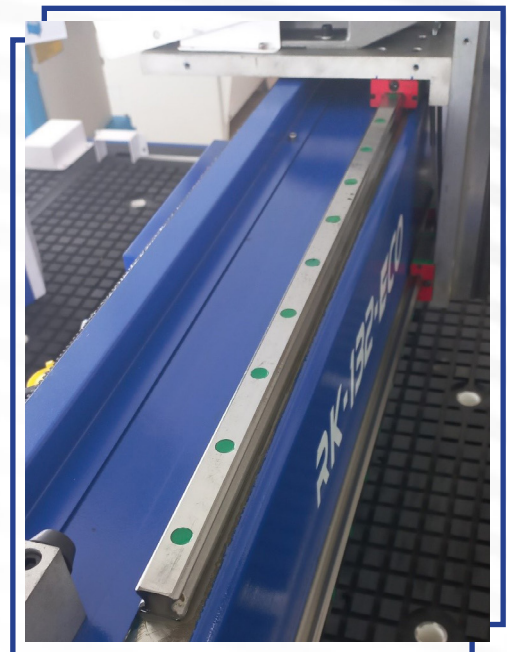
Model: GDZ-24-1  
 RPM: 24000rpm  
 Power: 3.2kW  
 Voltage: 220V/380V  
 Current: 12A/7A  
 Frequency: 400Hz  
 Bearings: 2x7005C/1x7003C  
 Chuck joint size: ER20



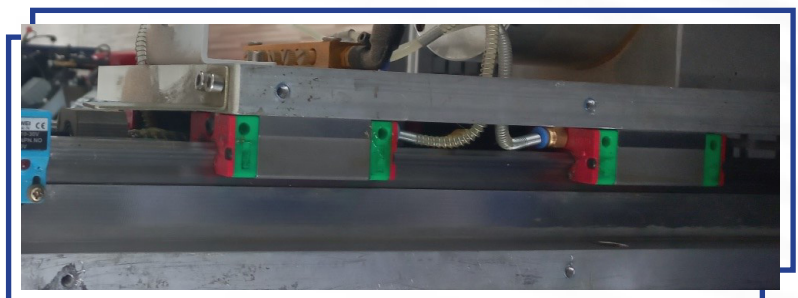
## Linear rail

Y-Axis : 20mm (x2)  
 2x HGR20

X-Axis: 20mm (x2)  
 2x HGR20

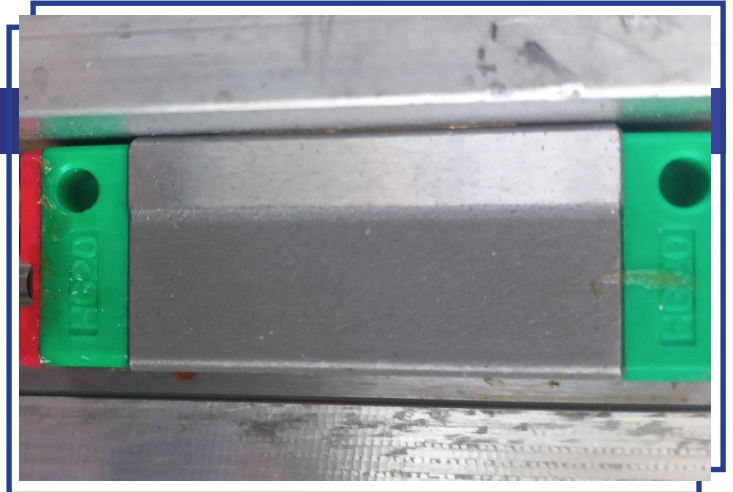


Z-Axis: 20mm (x2)  
 2x HGR20

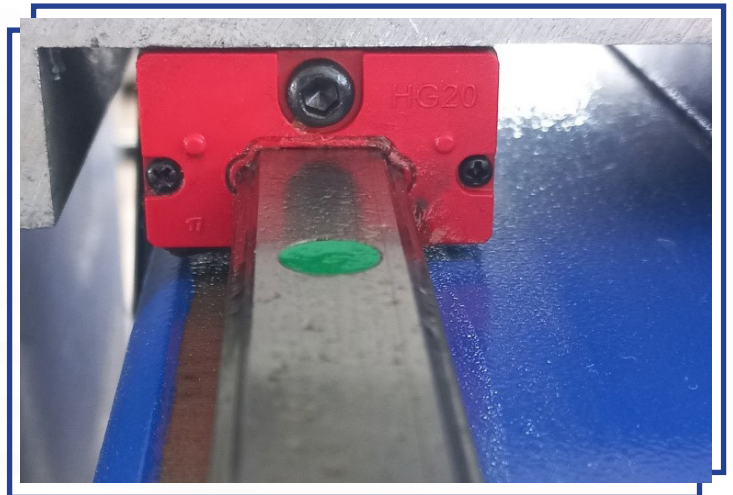


**Linear Guide Block**

Y-Axis: HG20 (x4)  
Tubing:4mm



X-Axis: HG20 (x4)  
Tubing:4mm



Z-Axis: HG20 (x4)  
Tubing:4mm





## Threaded Rod Shaft Coupler

Outer Diameter: 29mm  
 Inner Diameter: 15mm



## Gear Rack and Pinion

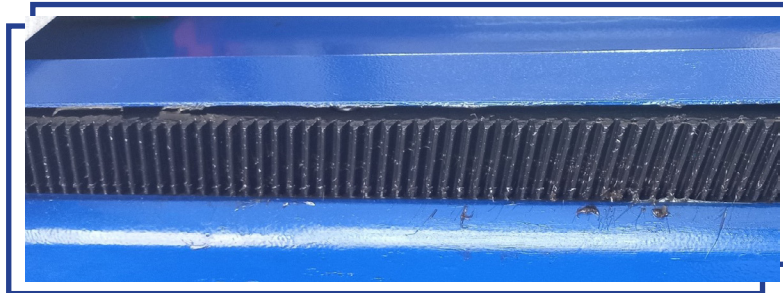
### Helical Gear rack:

- **Y-Axis (x2)**

Dimensions-  
 Width: 25mm  
 Height: 21.5mm  
 Teeth angle: 30 degrees

- **X-Axis**

Dimensions-  
 Width: 25mm  
 Height: 21.5mm  
 Teeth Angle: 30 degrees



### Gear Pinion:

- **Y-Axis: (x2)**

Diameter: 33mm  
 Teeth Angle: 30 degrees

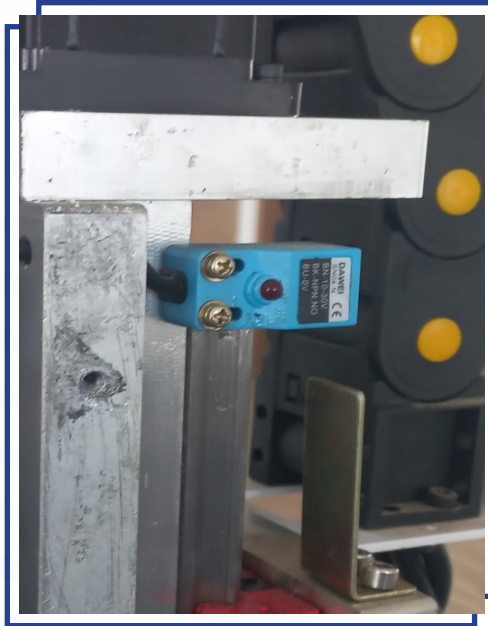
- **X-Axis**

Diameter:33mm  
 Teeth Angle: 30 degrees



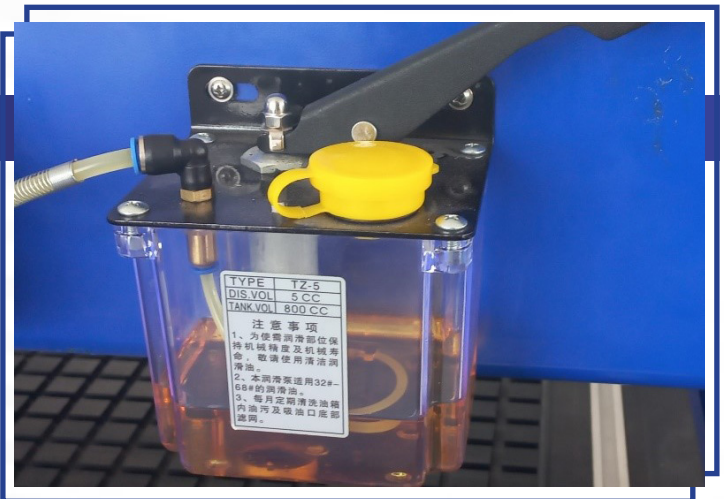
**Limit Switches (Inductive Proximity Sensor) (x3)**

Brand: DAWEI  
 Model: SN04-N  
 Power: DC 10-30V



**Manual Oil Dispenser**

Type: TZ-5  
 Tubing: 6x4mm  
 Single pump dispensing volume: 5CC  
 Tank Volume: 800CC



**Threaded Rod Bearing Pillow Block (x2)**

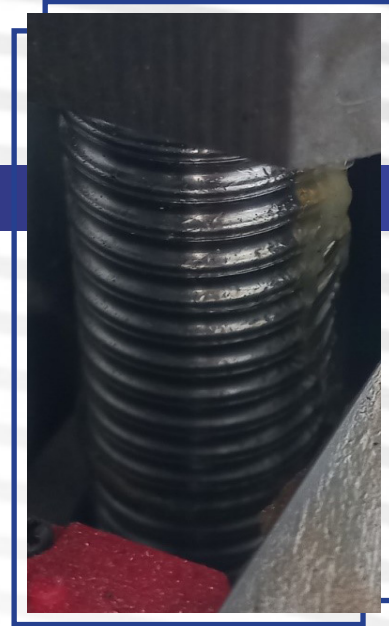
Bearing (x2 per block, dimensions 4 total)  
 Outer diameter: 30mm  
 Inner diameter: 21mm  
 Height: 12mm





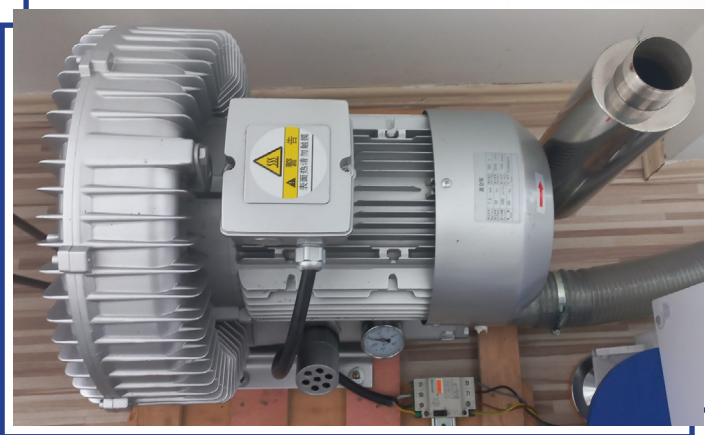
### Linear Ballscrew Rod (Z-Axis)

Diameter: 25mm



### Vacuum Pump

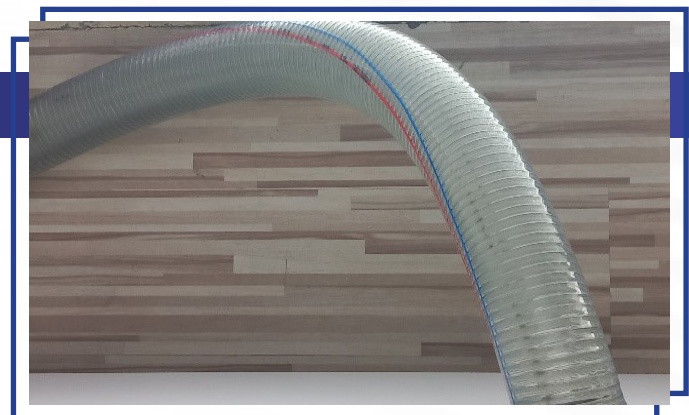
Voltage: 380V  
 Rated Power: 7.5kW  
 Frequency: 50Hz  
 Rated Speed: 2840rpm  
 Max Air Flow: 530m<sup>3</sup>/h  
 Max Vacuum: -440mBar



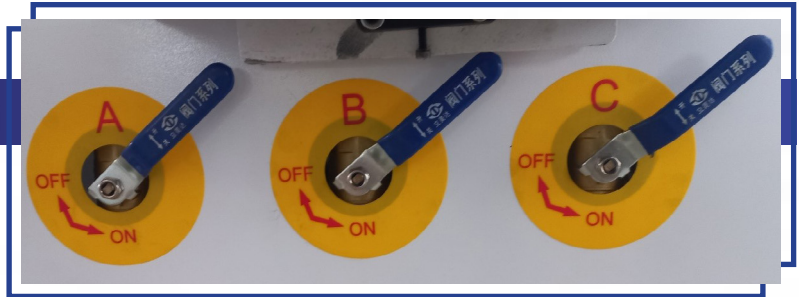
额定功率 Rated Power	7.5 KW	额定电压 Rated Voltage	380 V
额定频率 Rated Frequency	50 Hz	额定转速 Rated Speed	2840 r/min
最大流量 Max. Current	530 (m <sup>3</sup> /h)	最大负压 Max. Vacuum	-440 (mbar)
重量 Weight	69 kg	出厂编号 serial no	Y23090624

### Vacuum Pump Hose

Material: Copper + Silicone Tube  
 Diameter: 80mm



**Vacuum zones generic Valve Handle**



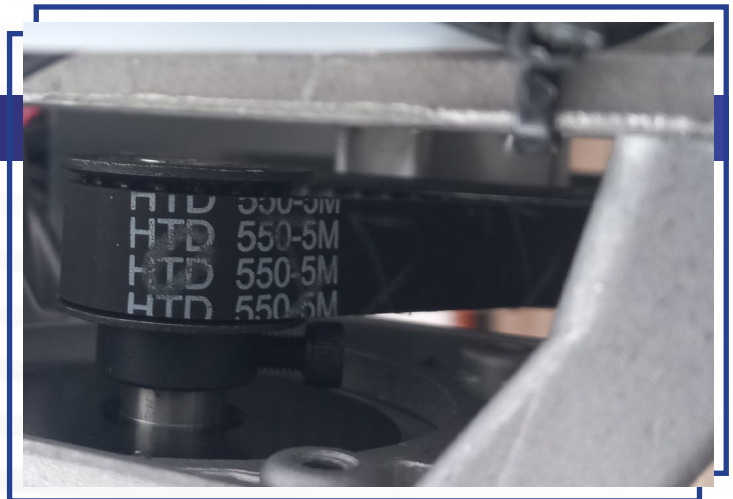
**Stepper Motors Pulley Transmission (x3)**

Outer Diameter: 150mm  
Shaft Diameter: 14mm



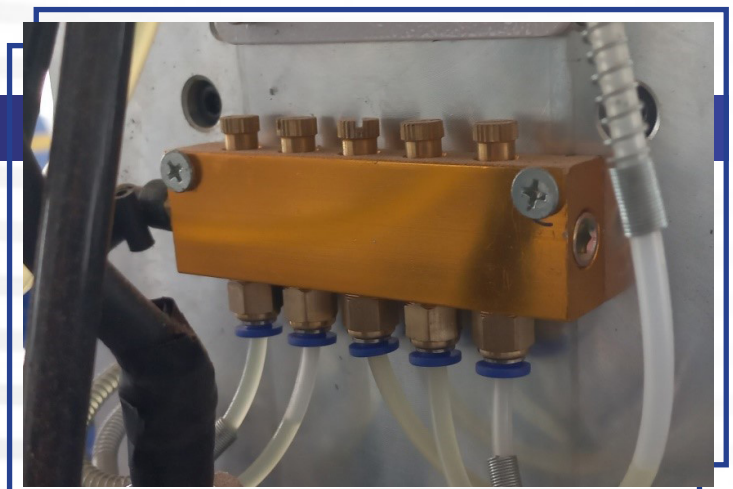
**Pulley Transmission Belt (x3)**

Model: HDT 550-5M



**Grease Oil Distribution Block (x2)**

Intake Tube Diameter: 6mm  
Distribution Tube Diameter: 4mm





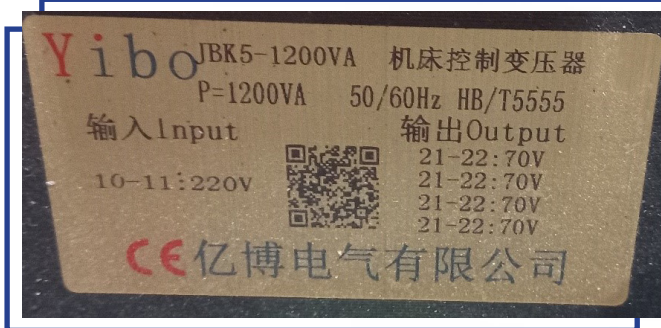
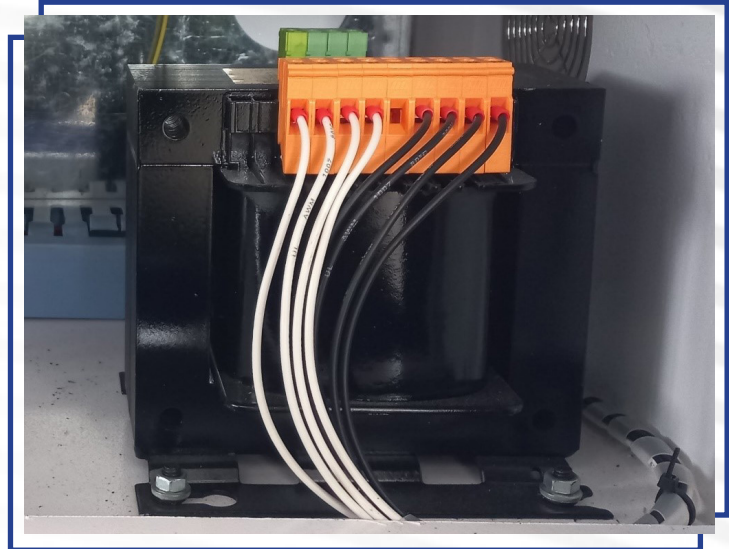
**Stepper Motor Mounting Pulley Block (x3)**



**Power Transformer**

Brand: Yibo, Automation Equipment  
 Model: JBK5-1200VA  
 P=1200A 50/60Hz HB/T5555

Input:	Output:
10-11:220V	21-22:70V
	21-22:70V
	21-22:70V
	21-22:70V



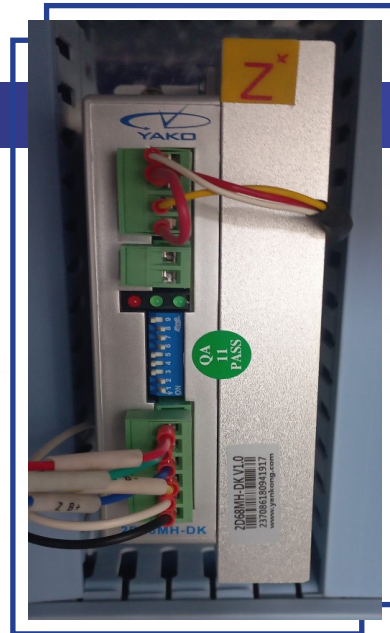
**Inverter**

Brand: Folinn  
 Model: H110T40030BX0  
 Input: 3PH 380V 50/60Hz  
 Output: 3PH 0-380V 0-1000Hz  
 Power: 3.0kW 7.0A  
 S/N: 00F1YH14161023100964



### Stepper Motor Driver (x4)

Brand: YAKO  
 Model: 2D68MH-DK  
 Voltage: AC 18-80V  
 Current: adjustable below 6.0A



### Leakage Protection Circuit Breaker

Brand: DELIXI Electric  
 Model: DZ47s C32



### Contactors

Brand: DELIXI Electric  
 Model: CDC6i-1811  
 Power: AC 690V 32A





### Power Buttons

Start Up Button: HELIJIA LAY38 LA38, LA39 UI 660V GB/T 14048,5  
 Emergency Stop Switch: LA38 AC660V 10A GB/14048,5



### Generic Anti-Vibrations, Anti-Shock Adjustable Legs (x6)

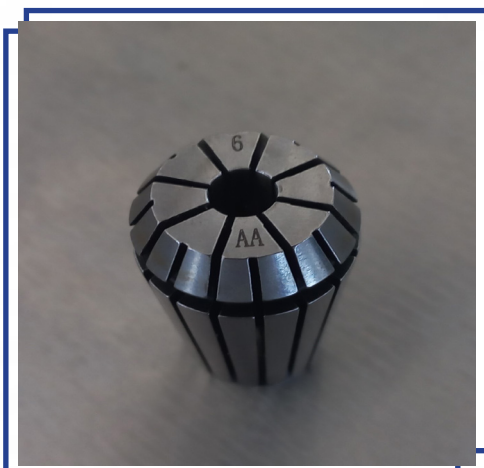


### Vacuum Pump Flow Regulator



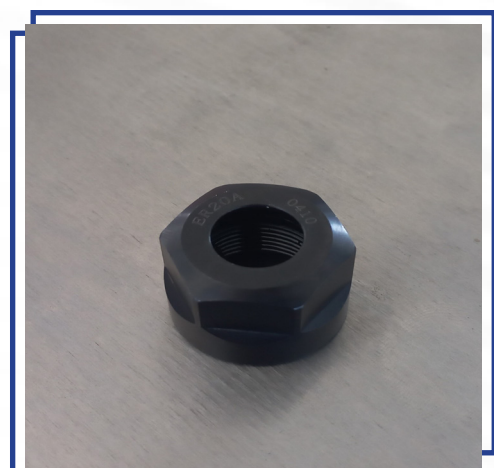
### Collet

Model: 6.0 AA



### Collet Chuck

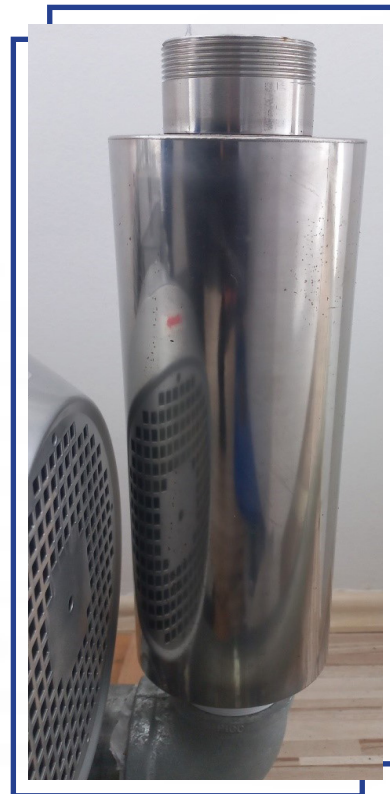
Model: ER20A



Vacuum Pump Pressure Gauge



Vacuum Pump Muffler



Physical End Stop (x4)



Vacuum Pump Motor Current Protector

Brand: Siemens  
 Model: 3VU1300-1MP00  
 Power: AC3 50/60Hz 300A

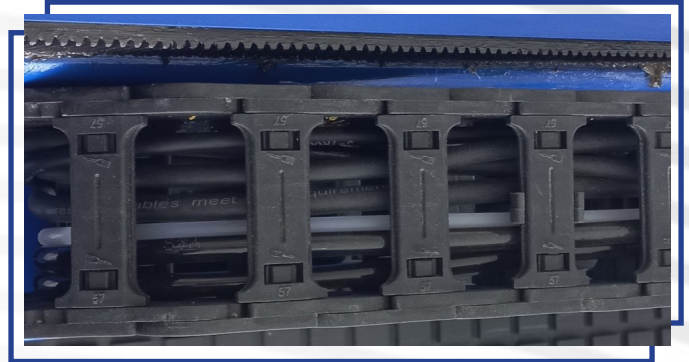




## Cable Guide Rail

Y-Axis:  
 Height: 25mm  
 Cable slot width: 57mm

X-Axis:  
 Height: 25mm  
 Cable Slot Width: 57mm



Z-Axis:  
 Height: 25mm  
 Cable Slot Width: 38mm



## Submersible Water Pump

Single Stage Pump  
 Model: DK4000  
 Power: 85W  
 Flow Rate: 4000L/H  
 Working Voltage: 220V





#### КОНТАКТ

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- 📍 Адреса: Јадранска Магистрала 716

#### РАБОТНО ВРЕМЕ

- Пон.-Пет.: 09:00-17:00
- Саб.: 09:00-14:00



GOOGLE MAPS:  
RADEK WOODWORKING  
MACHINES



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