



ЦНЦ ПАНЕЛЕН КРОЈАЧ

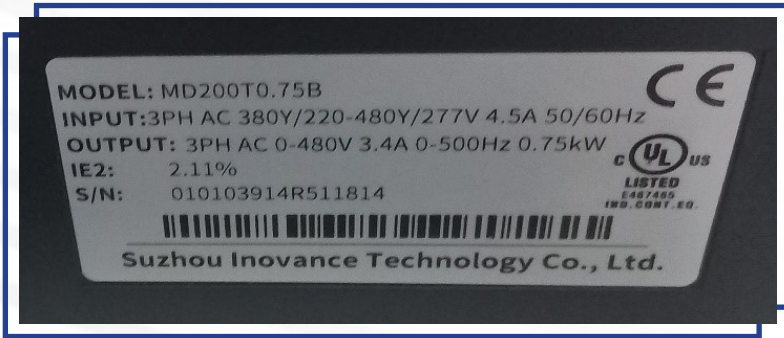
RK-320-PREMIUM

РЕЗЕРВНИ ДЕЛОВИ



Inverter

Brand: Inovance
 Model: MD200T075B
 Input: 3PH AC 380Y/220-480Y/277V 4.5A 50/60Hz
 Output: 3PH AC 0-480V 3.4A 0-500Hz 0.75kW
 IE2: 2.11%
 S/N: 010103914R511814



24V Power Supply

Brand: MEAN WELL
 Model: LRS-100-24
 Input: 100-240V AC 2.1A 50/60Hz
 Output: 24V DC 4.5A



Control Transfomer

Brand: JUCHE
 Model: BK-500 Control Transfomer

Primary Winding 10-11:380V
 10-12:415V

Secondary Winding 20-21:220V

S/N: 09923056431160



AC Servo Motor Driver

Brand: Inovance
 Model: SV630AT8R4I

Input: 3PH AC 380-440V 5.6A 50/60Hz
 Output: 3PH AC 0-380V 8.4A 0-500Hz 2kW

S/N: 010511754R310038

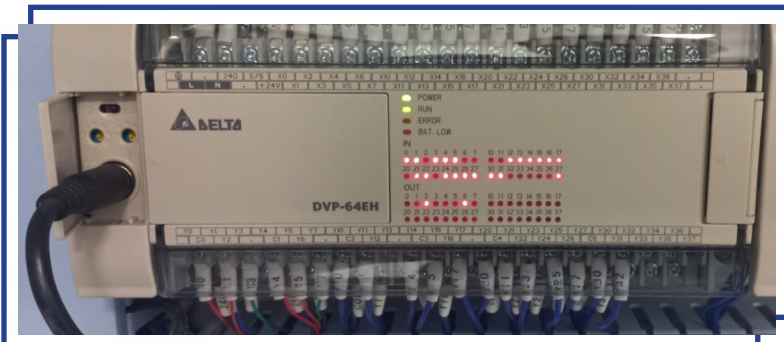


PLC Programmable Controller

Brand: Delta
 Model: DVP-64EH
 I/O: 16 points
 Output: Analog/Digital
 Pulse Output: 24V DC

o **Delta PLC Digital I/O Extension Module**

Brand: Delta
 Model: 16HP-DVP16HP
 Input: 24V DC 2W Max
 Output: 2A 250V AC 50/60Hz



Fuse Link Socket (x2)

Brand: MRO
 Model: RT18-32(X)
 32A 690V



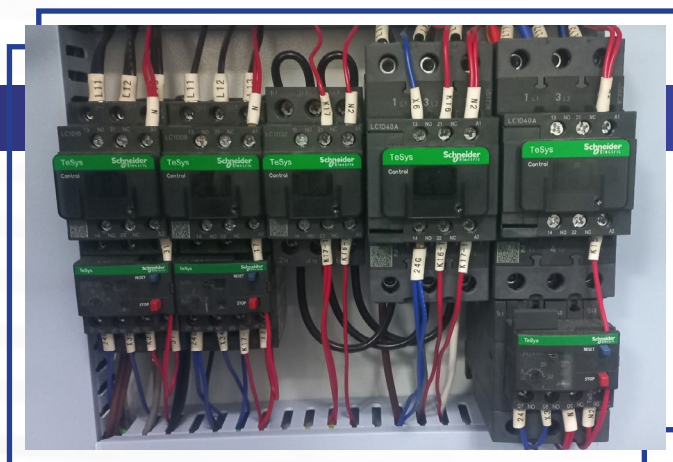
Circuit Breaker

Brand: Sun Power
 Model: LS BK63N D32
 Current rating: 3PH:6-63A 415V



Contactors

Brand: Schneider Electric TeSys
 Model: LC1D18
 Power: 3PH 18A 400V 7.5kW 50Hz



Brand: Schneider Electric TeSys
 Model: LC1D09
 Power: 3PH 380V-400V AC 9A 50Hz



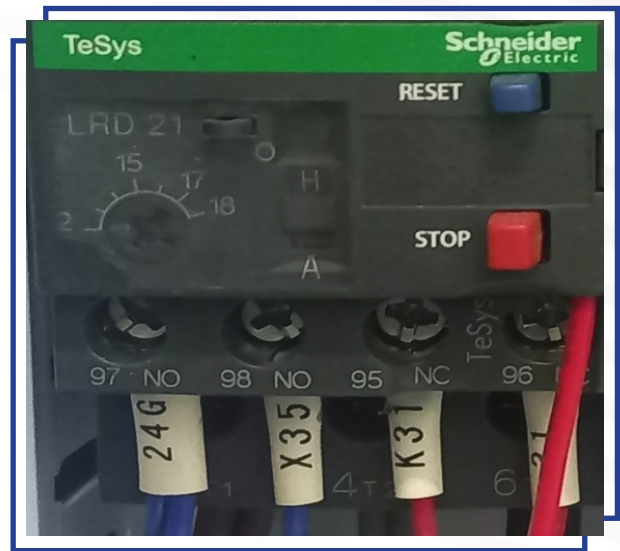
Brand: Schneider Electric TeSys
 Model: LC1D32
 Power: 3PH 400V-415V AC 32A 15kW 50Hz



Brand: Schneider Electric TeSys (x2)
 Model: LC1D40A
 Power: 3PH 415V 40A 22kW 50Hz



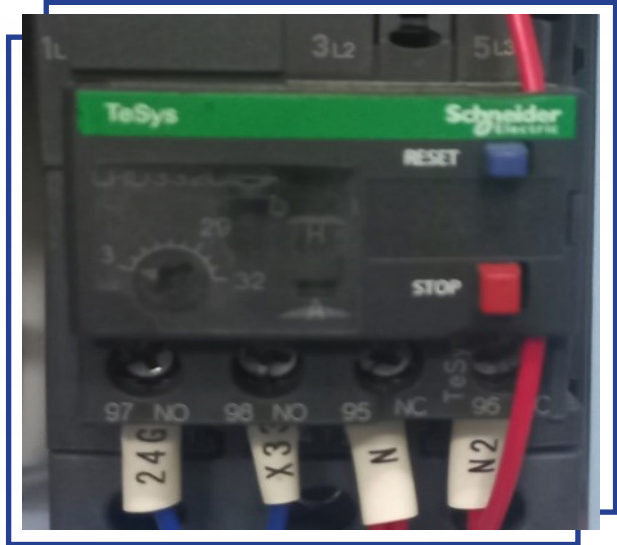
Brand: Schneider Electric TeSys
 Model: LRD21 Thermal Overload Relay
 Protection range: 12-18A



Brand: Schneider Electric TeSys
 Model: LRD10 Thermal Overload Relay
 Protection range: 4-6A



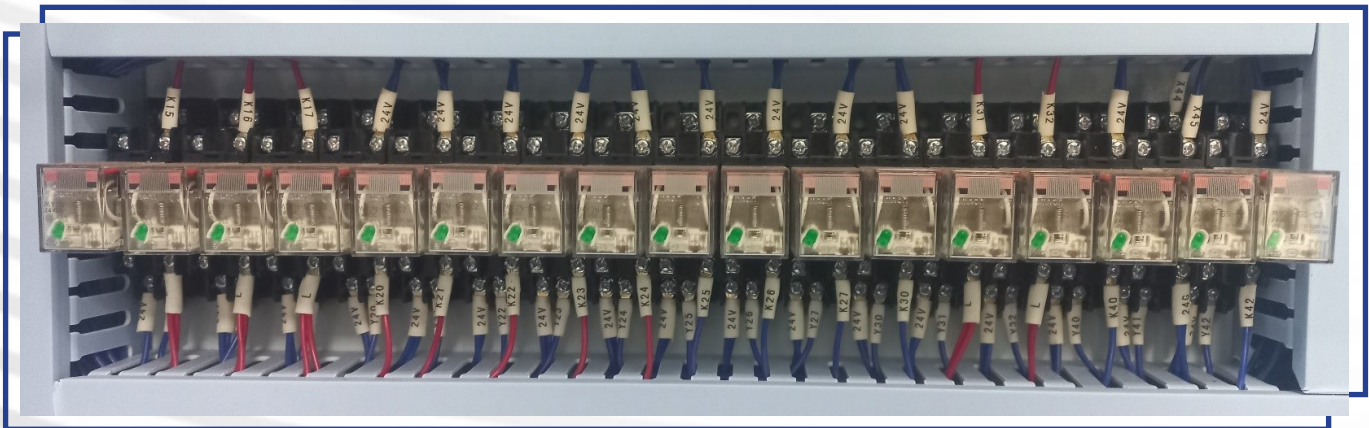
Brand: Schneider Electric TeSys
 Model: LRD332C Thermal Overload Relay
 Protection range: 23-32A 690V
 For protection of 3-phase motors 15kW at 400V



Relay (x17)

Brand: OMRON
 Model: My2N-G5-C2
 Power: 24V

7A 30V DC res.
 7A 250V AC res.



Signal Filter

Model: PPA EMI Filter
 250V AC 10A 50/60Hz



Machine

Servo Motor – Gantry

Brand: Inovance AC Servo Motor
 Model: MS1H3-18C15CD
 Type: T331Z x6
 Power: 380V 1.8kW 11.5Nm 6.6A
 1500rpm 125Hz
 3PHAC IP67
 S/N: 011137124R450717

- **Worm Drive Transmission**

Model: NMRV063
 Ratio: 1:7.5



Gripper Pneumatics

Tubing: 12x8mm
 Brand: Putnam Air Cylinder
 Model: 10A-5-SD63X120Y 20B0528
 Max. pressure: 1.0MPa – 10kgf/cm²



◦ Solenoid Valve

Brand: EASUN
 Model: 4V410-15
 Pressure: 1.5-8kgf/cm²



Servo Motor – Saw

Brand: Inovance AC Servo Motor
 Model: MS1H3-18C15CD
 Type: T331Z x6
 Power: 380V 1.8kW 11.5Nm 6.6A 1500 rpm 125Hz
 3PHAC IP67
 S/N: 011137124R450739

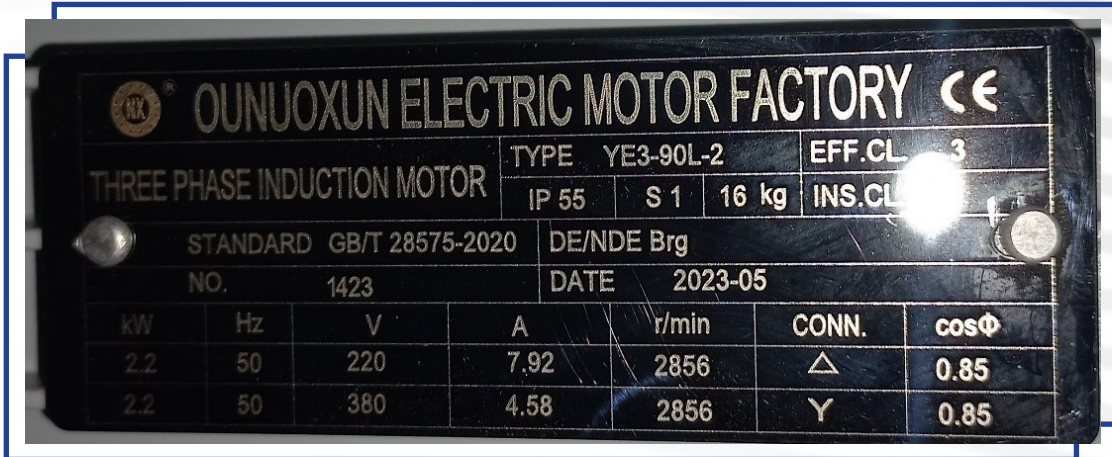
◦ Worm Drive Transmission

Model: NMRV063
 Ratio: 1:7.5
 S/N 20230521



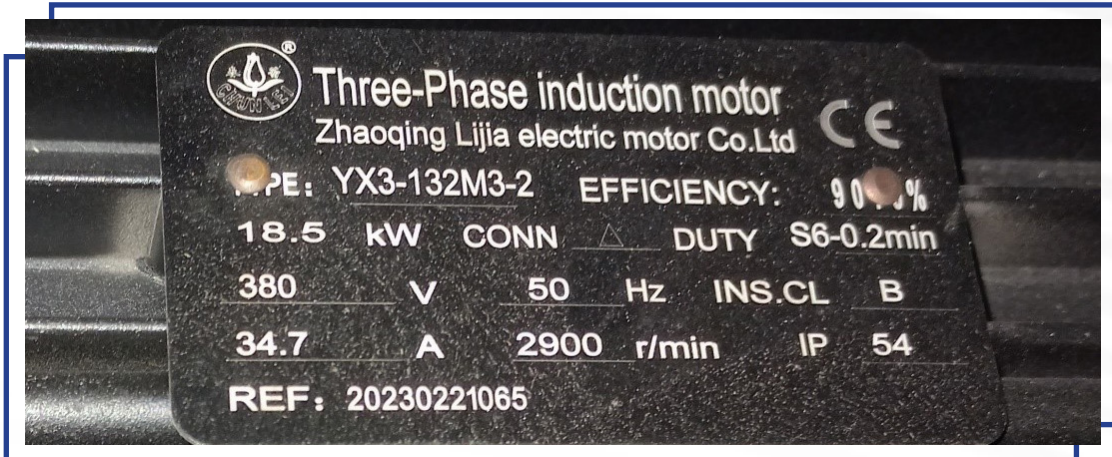
Saw Motor – Main

Brand: Three Phase Induction motor Zhaoqing Lijia
 Model: YX3-132M3-2
 Power: 380V 34.7A 18.5kW 50Hz 2900rpm
 Ref: 20230221065



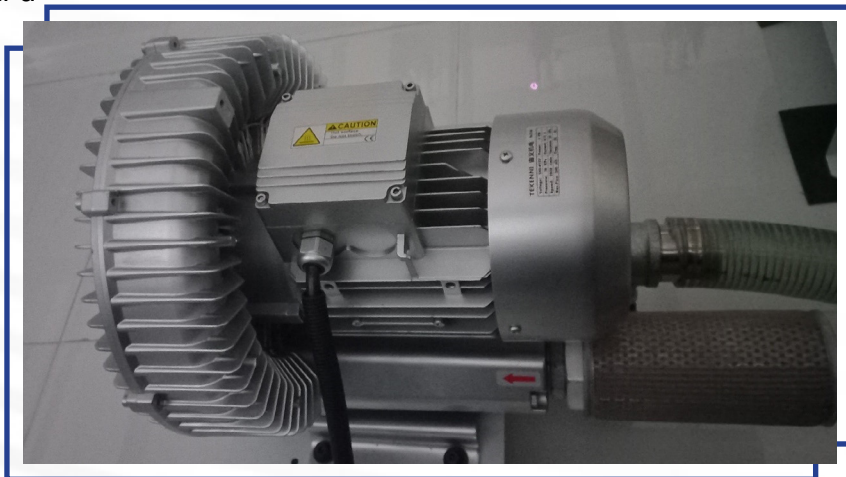
Scoring Saw Motor

Brand: OUNUOXUN electric motor
 Model: YE3-90L-2 Three phase Induction motors
 Power: 220V 7.92A 50Hz 2.2kW 2856rpm
 380V 4.58A 50Hz 2.2kW 2856rpm



Vacuum Pump (x2)

Brand: TEKENNI
 Power: 380-415V 4.72A 4kW 2800rpm 50Hz
 Pressure: 38KPa
 Max flow: 340m3/h
 Vacuum: 30-KPa



Saw (Main) Pneumatic Actuator

Tubing: 10x6.5
 Brand: EASUN 8x5
 Model: ESC 80x160-S
 Pressure: 0.5-0.9kg/cm2

Positioning Sensors

Brand: AirTac
 Model: CS1F020
 Power: DC/AC 5-240V 100mA 10W



Air Valve

Brand: EASUN
 Model: 3V210-08-NC
 Pressure: 1.5-8kg/cm3

Solenoid Valve

Brand: EASUN
 Model: EH602
 Power: DC 24V 125mA 3W IP65



Scoring Saw Pneumatic Actuator

Brand: EASUN
 Model: ESC-63x40-5
 Pressure: 0.5-0.9kgf/cm²

tubing: 8x5mm



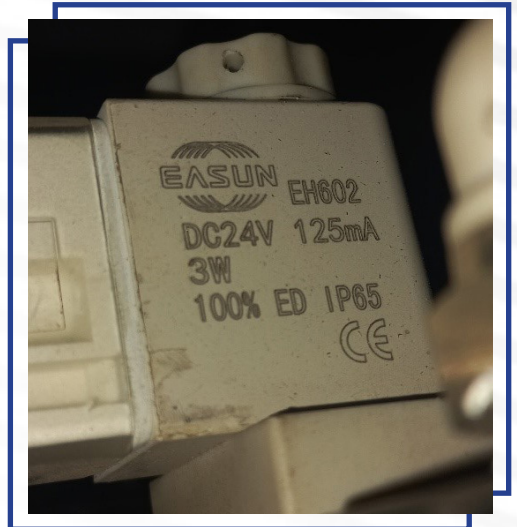
Pneumatic Solenoid Valve

Brand: EASUN
 Model: 4V-310-10
 Pressure: 1.5-8kgf/cm²

tubing: 8x5mm

- **Solenoid Electromagnet**

Brand: EASUN
 Model: EH602
 Power: DC 24V 125mA 3W



- **Positioning Sensor**

Brand: AirTac
 Model: CS1F020
 Power: DC/AC 5-240V 100mA 10W



Gear Rack&Pinion Transmission (Saw Axis)

- **Gear pinion**

Diameter: 140mm
Width: 30mm

- **Gear rack**

Brand: BBOSIICH
Width: 30mm
Height: 30mm



Support Roller

- **Pneumatic Actuator (Left – Right Movement)**

Brand: KLH Air Cylinder TUNGMING Pneumatics
Model: KMA25x50SCA
Tubing: 8x5mm
Pressure: 1.0 MPa 10.2kgf/cm² 145psi



- **Positioning Sensor**

Brand: AirTac
Model: CS1M020S25
Power: DC/AC 5-240V 100mA 10W



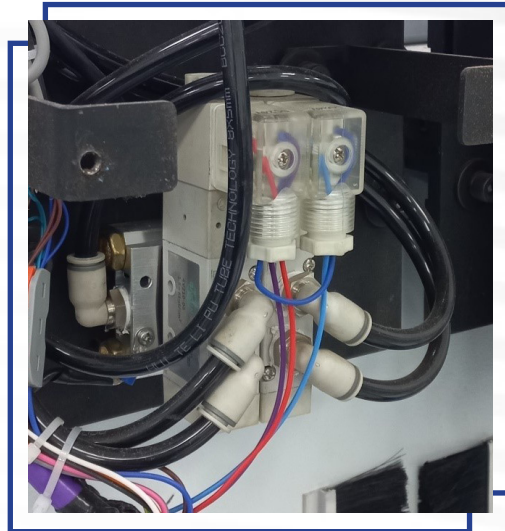
◦ **Solenoid Valve**

Brand: EASUN
 Model: 4V210-08
 Pressure: 1.5-8kgf/cm²

◦ **Solenoid Electromagnet**

Brand: EASUN
 Model: EH602
 Power: DC 24V

125mA 3W

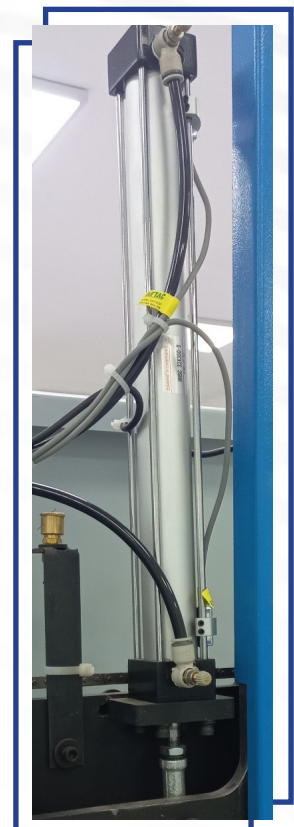


◦ **Pneumatic Actuator (Up-Down Movement)**

Brand: ZJHHAO
 Model: HHSC32x350-S
 Tubing: 8x5mm
 BJBC-JF-AJ

◦ **Positioning Sensor (x2)**

Brand: AirTac
 Model: CS1F020
 Power: DC/AC 5-240V 100mA 10W

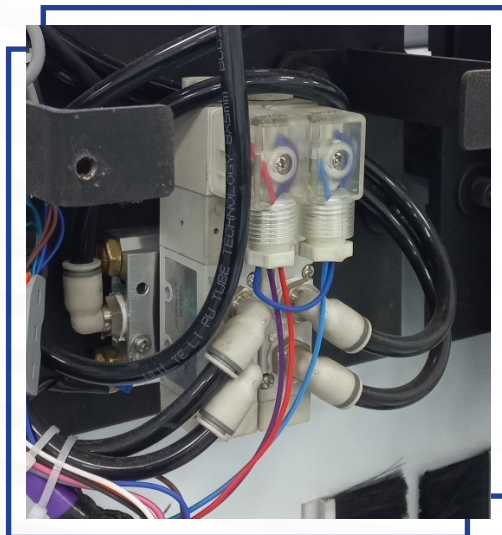


- **Solenoid Valve**

Brand: EASUN
 Model: 4V210-08
 Pressure: 1.5 – 8kgf/cm²

- **Solenoid Electromagnet**

Brand: EASUN
 Model: EH602
 Power: DC 24V 125mA 3W



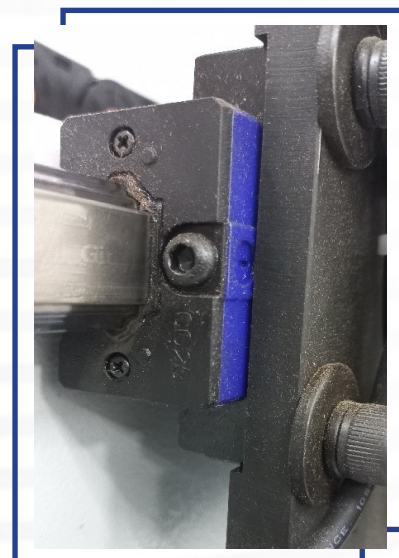
- **Linear Rail (x2)**

Brand: Gingtron
 Dimensions: 25mm



- **Linear Ball Bearing Guideway (x5)**

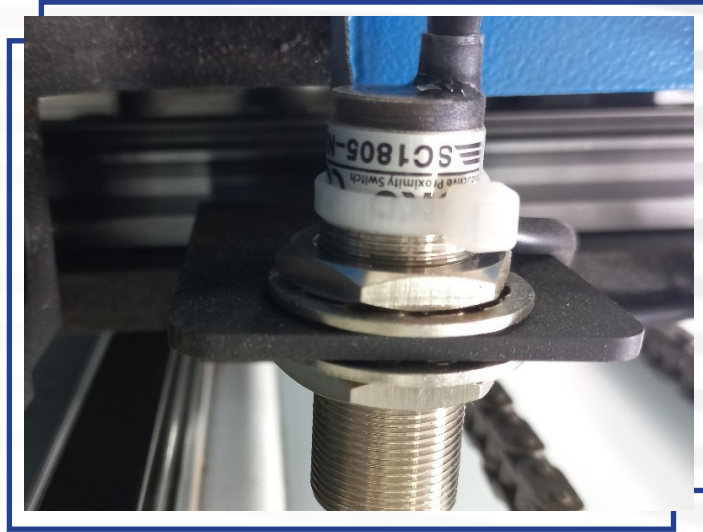
Brand: Winch
 Model: HGH25A



◦ **Position Sensor / Inductive Proximity Switch (x2)**

Brand: ROKO

Model: SC1805-N2 Inductive Proximity Switch



◦ **Support Roller Motor**

Brand: Zhaoqing Lijia Electric

Model: Three Phase Induction Motor

YS7134

Power: 220/380V 2.69/1.56A 0.55kW 1400rpm 50Hz

S/N: JB/T1009-2016



◦ **Worm Drive Transmission**

NMRO: NMRV050

chain: 06B 12x8mm

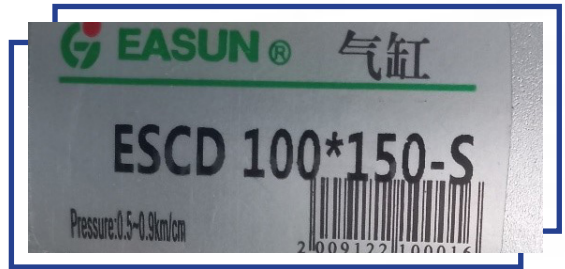
Ratio: 1:25

S/N: D20230401



Pressure Beam Pneumatic Actuator (x2)

Brand: EASUN
 Tubing: 8x5mm + 12x8mm
 Model: ESCD 100x150-S
 Pressure: 0.5-0.9kgf/cm²



Positioning sensor (x1)

Brand: AirTac
 Model: CS1F020
 Power: DC/AC 5-240V 100mA 10W



Solenoid Valve

Brand: EASUN
 Model: 4V330C-10
 Pressure: 1.5-8kgf/cm²

Solenoid Electromagnet

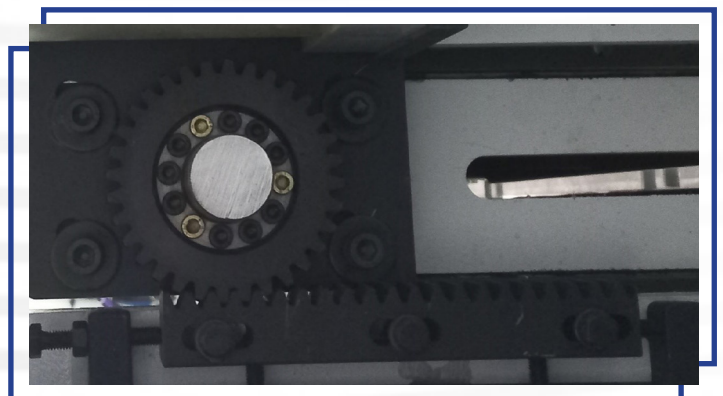
Brand: EASUN
 Model: EH602
 Power: DC 24V 125mA 3W



Gear Rack & Pinion (x2)

Gear Rack: width: 30mm
 height: 30mm

Gear Pinion: Diameter: 100mm
 Width: 30mm
 Gear Shaft Diameter: 35mm



Dust Cover Pneumatic Actuator (x2)

Brand: CZPC
 tubing: 8x5mm
 Model: MA 32x75 BC07
 Max pressure: 1.0MPa



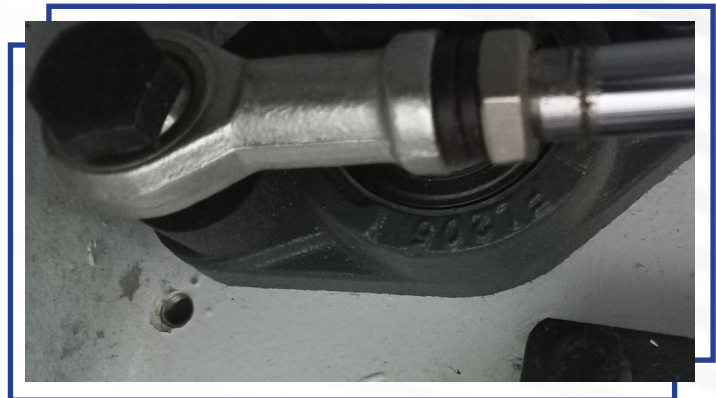
◦ **Positioning Sensor (x1)**

Brand: AirTac
 Model: CS1F020
 Power: DC/AC 5-240V 100mA 10W



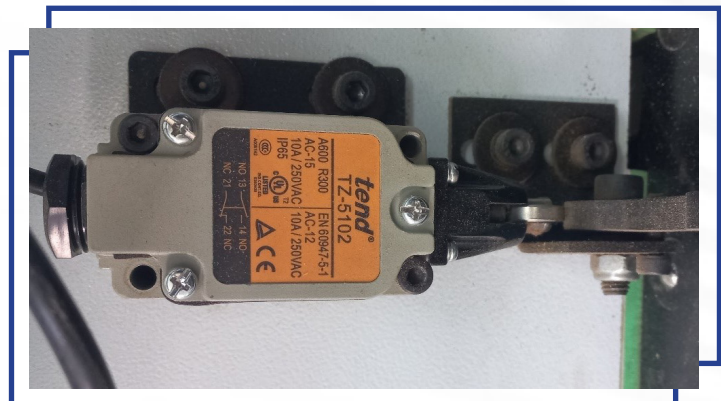
◦ **Bearing Pillow Block (x2)**

Model: FL205



◦ **Mechanical End Switch (x1)**

Brand: Tend
 Model: TZ-5102
 A600 R300 EN 60947-5-1
 AC-15 AC-12



Saw Lubricator

Brand: EASUN
 Tubing: 8x5mm
 Model: EAL4000
 Max pressure: 1.0MPa
 Max Temperature: 60C



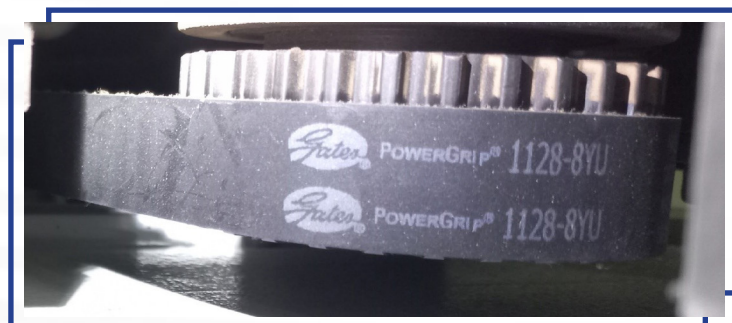
Main Saw Belt

Brand: Gates PowerGrip
 1120-8YU
 B23150858002
 41523 SC 034



Scoring Saw Belt

Brand: Gates PowerGrip
 1128-8YU



Pneumatics Intake

o Filter

Brand: EASUN
 Model: EAF4000
 Max pressure: 1.0MPa



◦ **Pressure Regulator**

Brand: EASUN
 Model: EAR4000
 Pressure: (range) 0.05-0.85 MPa
 (max) 1.0MPa

◦ **Lubricator**

Brand: EASUN
 Model: EAL4000
 Max Pressure: 1.0MPa

◦ **Solenoid Valve**

Brand: EASUN
 Model: 4V210-08
 Pressure: 1.5-8kgf/cm²

◦ **Solenoid Electromagnet**

Brand: EASUN
 Model: EH602
 Power: DC 24V 125mA 3W



Cable Guideway

◦ **Cable Guideway Gantry**

Slot: 50mm



◦ Cable Guideway Saw

Slot: 125mm



◦ Cable Guideway Support Roller

Slot: 40mm



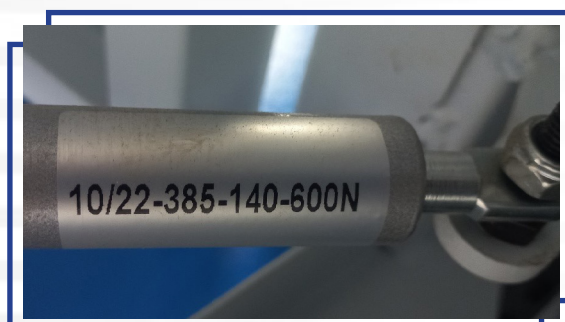
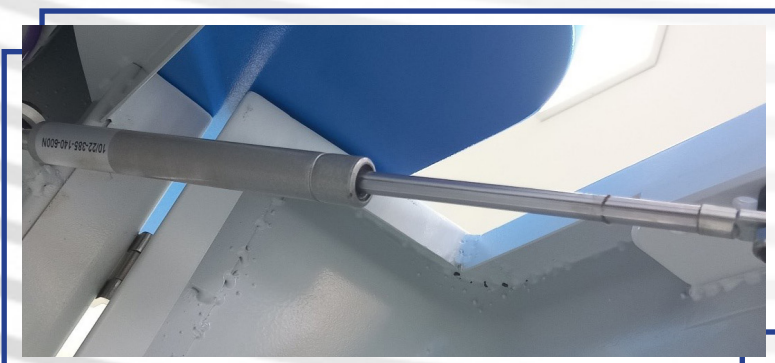
Swing Doors Sensor (x2)

Brand: ROKO
Model: SC1805-N2 Inductive Proximity Switch



Swing Doors Pneumatic Support Rod

Force: 600N
S/N: 10/22-385-140-600N



Main Switch

Brand: LS
 Industrial Circuit Breaker
 Model: ABE103B
 Power: 415V 100A
 S/N: 00500010W0



High-Pressure Air Tank

Capacity : 10L
 Pressure: 1.25MPa



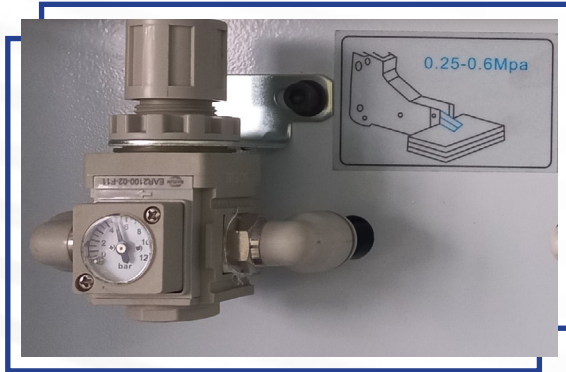
Signal LED – Main Power Switch

Model: AD16-22D/S
 Power: AC 380V <math>< 20\text{mA}</math>



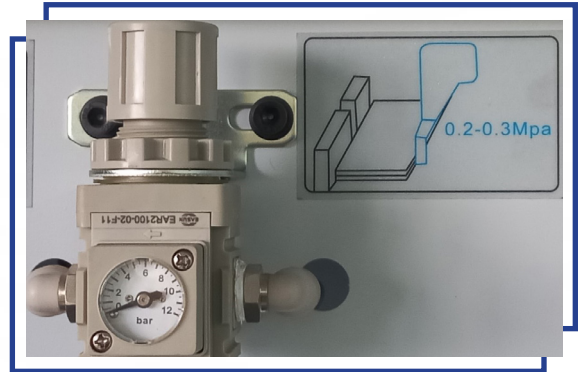
Pressure Regulator (Gripper)

Brand: EASUN
 Model: EAR2100-02-F11
 Pressure: 0.25 – 0.6Mpa



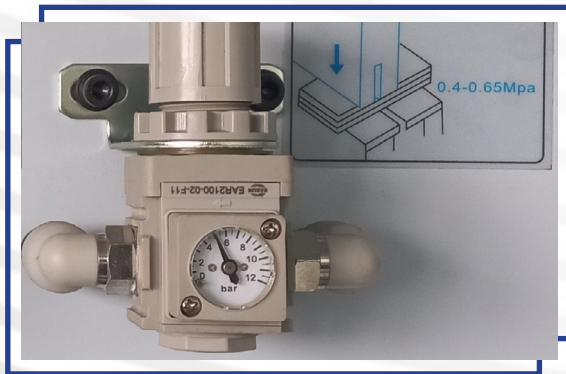
Pressure Regulator (Support Roller)

Brand: EASUN
 Model: EAR2100-02-F11
 Pressure: 0.2-0.3 MPa



Pressure Regulator (Pressure Beam)

Brand: EASUN
 Model: EAR2100-02-F11
 Pressure: 0.4 – 0.65 MPa



On-Board PC / Touchscreen

Brand: FTZN
 (www.gzftzn.com)
 Model: FTC-1850 for ACN
 Spec: I5 Processor, 4GB RAM, 120GB memory



PC / Touchscreen Power Supply

Brand: HuntKey
 Model: HKA06012050-7F
 Input: 100-240V AC 50/60Hz 1.5A
 Output: 12V DC 5.0A 60W



Switches / Buttons

- **Power Button:**

Brand: CHLI
 Model: HL-LA38 + AC 220V LED Indicator
 Power: AC 415V

- **Auto Button:**

CHTBO LAY39 UI 660V 10A A032049 + LED Indicator

- **Stop Button:**

CHTBO LAY39 UI 660V 10A A032049

- **Emergency Stop Switch:**

Brand: APT
 Model: LA39
 Power: AC 415V 10A



Vacuum Pump Filter

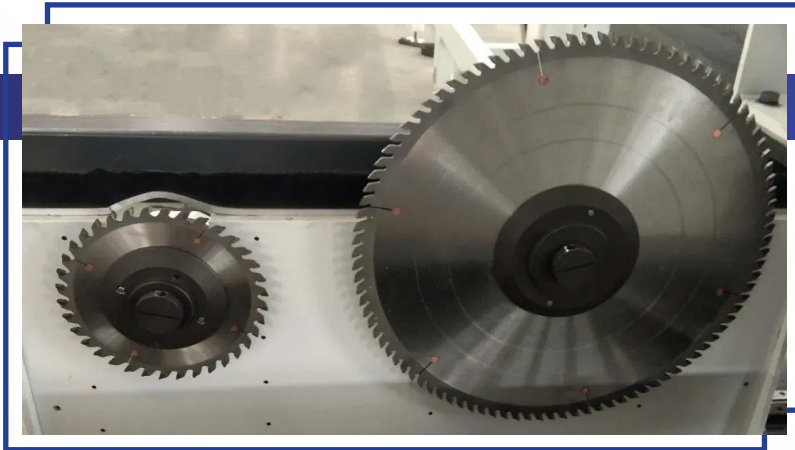


Main Saw

Outer Diameter: 450mm
 Arbor: 80mm
 Kerf: 4.4mm
 Hook Blade Angle: 10°
 Plate width: 3.8mm

Scoring Saw

Outer Diameter: 200mm
Width: 3.8mm



Compressed Air Gun

Brand: WYNNS
Model: WB-103



Electrical Cabinet Generic swing Door Handle



PC/Touchscreen Generic Swing Door Handle

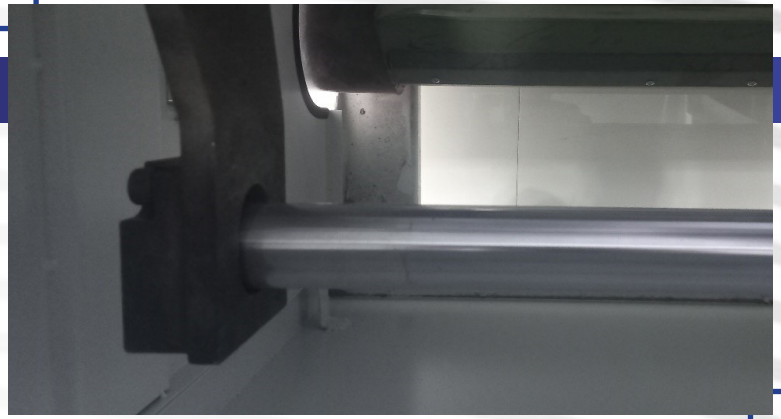
Vacuum Pump Power Plug & Socket

Brand: WZWLE
Type: 3PH



Saw Servo Motor Guideway

Diameter: 40mm



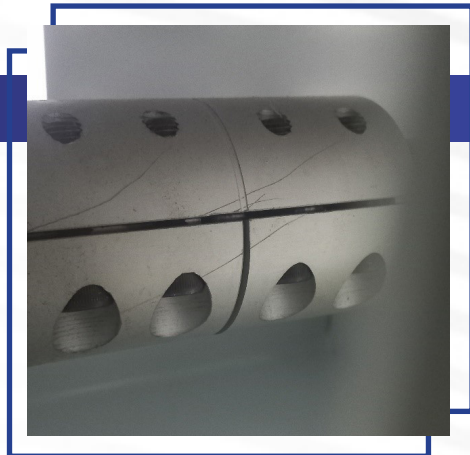
Gantry Main Shaft

Diameter: 35mm

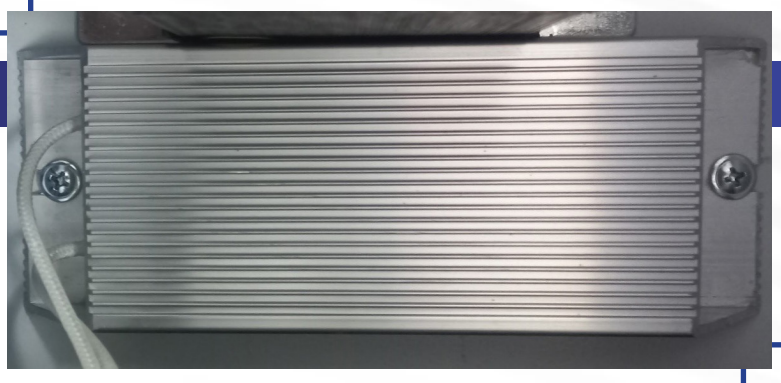


Shaft Coupling

Outer Diameter: 60 mm
Inner Diameter: 20mm



Servo Driver Resistors (x2)



Dust Extraction Silicone Hose

Diameter: 70mm



Cooling Fans (x2)

Dimensions : 150x150mm



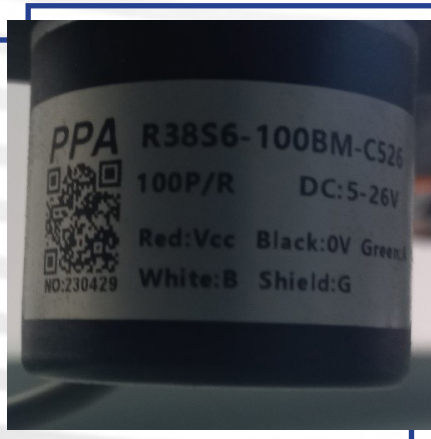
Vacuum Pump Hose

Diameter: 70mm



Worm Drive Encoder

Model: R38S6-100BM-C526
 Power: DC 5-26V
 100P/R



High Pressure Sensor Unit

Type: P110

1-10Bar

14.5-145PSIG

Rated Power:

	AC 125V	AC 250V
Non Inductive Current:	20A	10A
Inductive Current:	15A	8A
Full Load:	15A	8A
Starting:	72A	72A



TYPE		P
Bereich		1~1
range		14.5-
RATED VOLTAGE		
RATED Amps		
Non inductive Current	20A	10A
Inductive Current	15A	8A
Full Load	15A	8A
Starting	72A	72A
Purpose Protection Degree		IP40

Label Printer

Brand: GPrinter

Model: GP-3120TL

Power: AC 100-240V

50/60Hz

1.0A

Communication: USB



Loading Wheel Array





КОНТАКТ

☎ Информации: +389 70 215 994

☎ Продажен салон: 02 3095 002

✂ Сервис: +389 71 270 963

✉ Е-маил: info@radek.com.mk

🌐 Вебсајт: www.radek.com.mk

📍 Адреса: Јадранска Магистрала 716

РАБОТНО ВРЕМЕ

Пон.-Пет.: 09:00-17:00

Саб.: 09:00-14:00



GOOGLE MAPS:
RADEK WOODWORKING
MACHINES



Web

www.radek.com.mk



Facebook

[radek-woodworking machines](https://www.facebook.com/radek-woodworking-machines)



Instagram

[radek_woodworking_machines](https://www.instagram.com/radek_woodworking_machines)



Startuvaj.mk

www.startuvaj.mk



YouTube

[radek woodworking machines](https://www.youtube.com/radek-woodworking-machines)

**WOODWORKING AND
METALWORKING MACHINES**