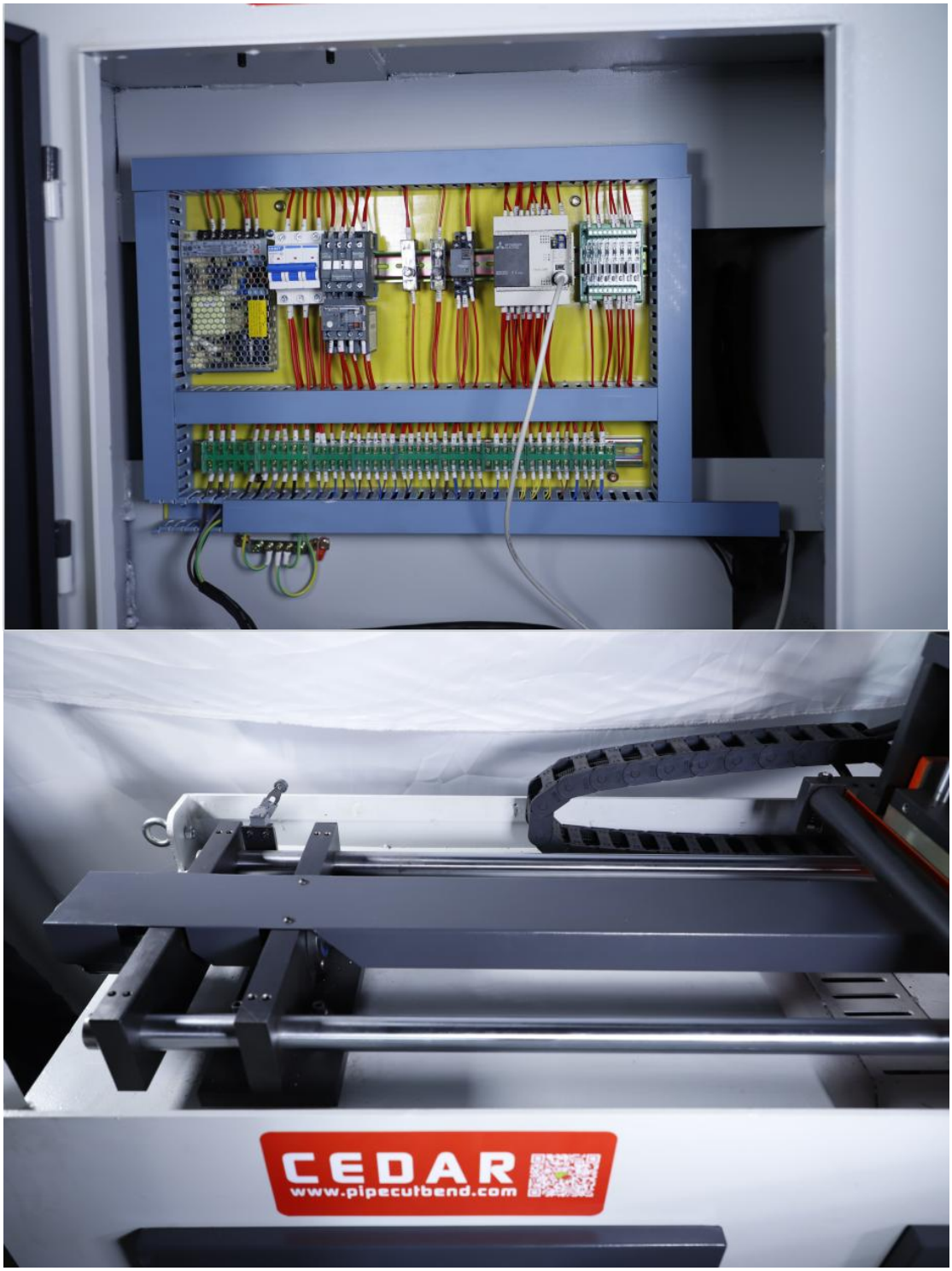
XS-455CNC Automatic aluminum cutting machine









(Note: optional loading rack and vacuum cleaner system to ensure clean working environment.)

The equipment can be used for sawing copper, aluminum extrusion type, aluminum doors and windows, heat sink, wood, water pipe, sound panel and so on. The saw blade is driven by gas compressed liquid mode, the cylinder clamps the material, and the servo motor drives the feeding mechanism. The equipment has the advantages of smooth cutting, smooth cutting, accurate feeding, simple and quick operation, simple maintenance and so on. It is the best choice for copper and aluminum precision sawing at home and abroad.

1. Automatic feeding, automatic clamping, automatic cutting function of ball wire rod on guide post
2. With no material automatic shutdown, saw blade protection function.
3. Internal silencing alloy saw blade saw material can reduce noise.
4. Using touch screen structure, the interface is more humanized.
5. From the bottom to the top of the knife, long life and high sawing precision
6. Carefully designed feeding system, do not hurt the surface of the workpiece, high feeding accuracy.

7. Unique upper and lower, front and back clamp design, strong clamping force and solid, suitable for all kinds of heterosexual materials clamping.
8. Configure electronic sawing number counter.
9. Equipment chassis for sawdust centralized treatment, convenient and clean; optional vacuum cleaner collection.
10. Measure fuel injection system, improve saw blade life, avoid saponification liquid pollution.

plant parameter :

project	unit	455CNC
Cutting angle	°	90
Maximum sawing height	mm	120
Maximum sawing width	mm	240
Sawing capacity ◯	mm	120
Sawing capacity □	mm	110*110
Sawing capacity ■	mm	90*90
Sawing capacity ●	mm	100
Saw blade speed	rpm	3200

Power of sawing machines	KW	5.5
Speed of sawing machine	Rpm	2880
Servo Power	KW	0.75
Single feeding stroke	mm	6-700
Feeding accuracy	mm	±0.05
Feed rate	Mm/s	0-200 adjustable
surface finish quality	um	<10um
Required pressure	kg/cm²	6-8
Use saw blade diameter	mm	ø355-455 Inner hole25.4mm
Table area	Mm	645*668
bench height	Mm	910
Machine size	mm	1950*1300*2000
machine weight	KG	800

Device Configuration:

Serial number	content	parameter
1、	Desk board, working baffle	precision casting
2、	High Speed Spindle	Integrated forging molding parts
3、	High Speed Bearing	NSK Japan
4、	Feed ball wire rod	Taiwan
5、	contact maker	France
6、	electric relay; relay	Omron
7、	transformer	Jointventure Kuchuan/Zhentai
8、	air cylinder	Asian AirTAC Taiwan
9、	air valve	Asian AirTAC Taiwan
10、	Pneumatic Sealing Components	Asian AirTAC Taiwan
11、	AC contactor	Schneider
12、	fuse	Schneider
13、	overtemperature relay	Schneider
14、	Cutting motor	Joint venture

15、	Feed servo motor	Mitsubishi Japan
16、	PLC controller	Mitsubishi Japan

Equipment Supply List:

serial number	name	spec	quantity	remarks
1、	main engine		1/F	
2、	inner hexagon spanner	3-14	1/set	
3、	operating instruction		1/Present	random file
4、	certificate		1/ sheets	random file

after-sale service:

a) The equipment is guaranteed for 12 months. During the warranty period, all manufacturing quality problems, the supplier free warranty, other reasons caused by the user to bear reasonable repair costs. After the expiration of the warrantyStill provide accessories and good service,

reasonable charge.

b) When the equipment is in use, in case of failure, the supplier shall respond within 2 hours after receiving notice from the buyer. If the telephone can not be solved directly, send a person to the scene within 24 hours, the general fault within 48 hours to solve, the major fault with the fastest speed to solve, in principle not more than 72 hours (except holidays).

c)The supplier is responsible for timely feedback to the buyer on the development trend of the new process, introducing the characteristics of the new equipment, providing advanced technology, and explaining the challenge of the buyer.

Zhangjiagang City Cedar Technology Co., Ltd