

Specification

Machine	CNC400W AWT MAX	CNC400W AWT
Table Size (mm)	900×600	800×500
Table Travel (mm)	480×380	480×400
Max Thickness (mm)	190	190
U/V Axis Travel (mm)	70×70	35×35
Taper(degree)	±3°	±3°
Max Load (kg)	500	500
Wire Diameters (mm)	0.18	0.18
Accuracy (mm)	±0.005	±0.005
Dimension (mm)	1800×2200×2200	1800×2200×2200
Weight (Kg)	1900	1900
Generator		
Roughness	Ra<1.0	Ra<1.0
Efficiency (mm²/min)	100-200	100-200
Power	4KWA 50/60HZ 220V/380V	4KWA 50/60HZ 220V/380V
U/V/Z Axis Motor	Subdivision Motor	Step Motor
X/Y Motor	Panasonic Servo Motor	Panasonic Servo Motor
Wire Motor	Servo Motor	Servo Motor
System		
Software	AutocutV10.1 & NCCAD	AutocutV10.1 & NCCAD
Windows	Win10	Win10
Hardware	Industrial PC, 32G SSD	Industrial PC, 32G SSD
NC Axis	5 Axis NC Control	5 Axis NC Control
Language	ENG/CHN	ENG/CHN

AWT Option

Hole Diameter	<0.5-2.0mm or >4.0mm	Flate/Slope Sensor Function	✓
Max Height of Threading	Hole:0.5-2.0mm/150mm	Wastes Drop Function	✓
Max Height of Threading	Hole:4.0 / less than 80mm	Tension Control	✓
Max Height of Wastes Drop	<50mm	Tube Air Clean Function	✓
Threading Time	30-45sec	Liquid Clean Function	✓ (WD-40)
Max Workpiece Height	190mm	Wire Broken Sensor	✓
Air Pressure	>0.4MPA	Semi-Auto Threading	✓
Power Consumption of AWT	2KWA	Software	AutocutV10.1 AWT
Drum Control	1.5KWA Servo Motor	Max Threading Hole each time	150 Times

JIANGSU SAMMLITE MACHINERY CO., LTD.



Address: Liuqiao Industrial Zone, Nantong City, Jiangsu Province, China
Email: info@sammlite.com
Phone/Whatsapp/Wechat: +86 13773624699 +86 17798850513
Web: www.edmsammlite.com



CNC WIRE CUT EDM AWT MODEL



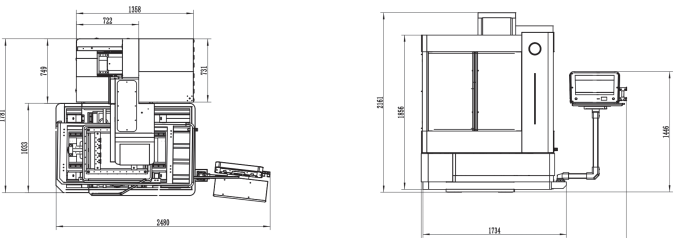
Wire Cut EDM



CNC400W AWT MAX

- Automatically Wire Threading: 45sec
- Time Saving
- Low Labour Cost
- Full Closed Cover CE Design

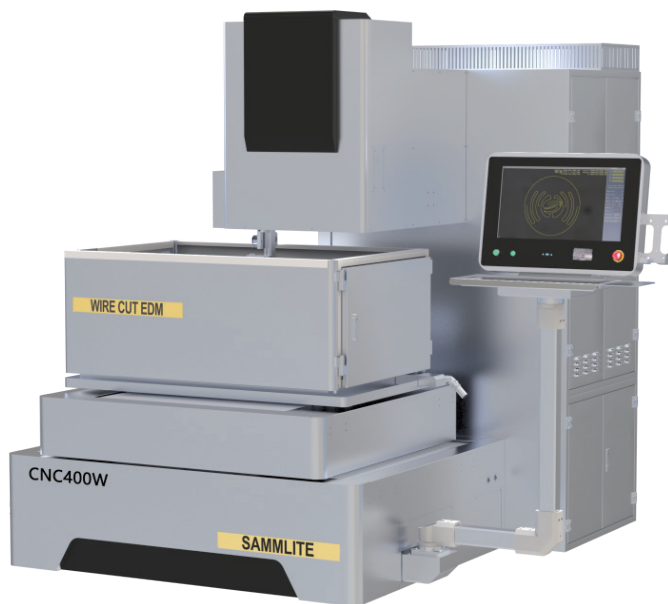
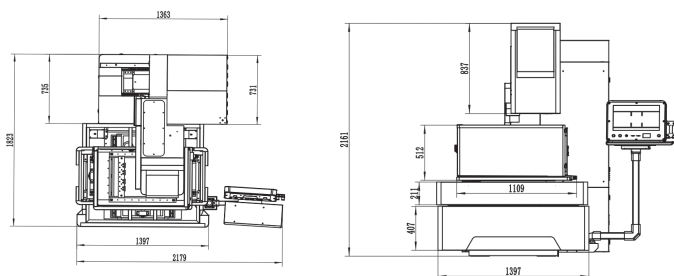
Plan View



CNC400W AWT

- Automatically Wire Threading
- Machine Work Overnight
- User Friendly Software
- Easier Operating Design

Plan View



Key Compoments

Wire Drum Motor

Absolute servo motor is used to ensure the accuray control for AWT system.



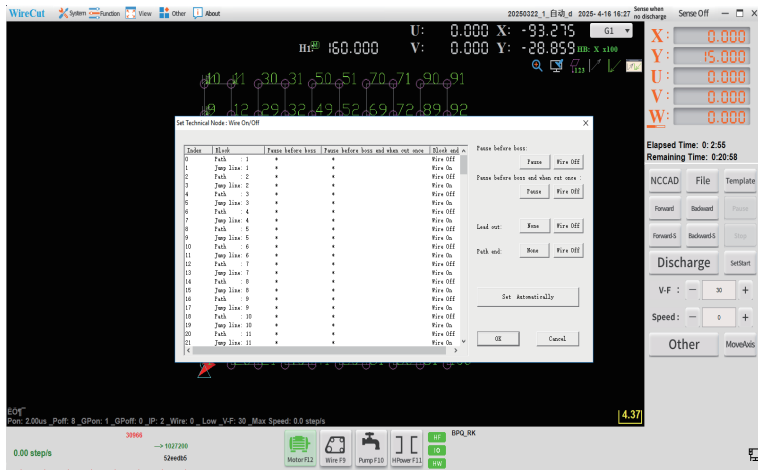
PLC Control

The control system is the combination of PLC & Autocut system to ensure the flexibility of AWT system.

Current Postion of Wire Drum	Threading Position	Wiring Orign Point
1702056	6550	1734
	SAVE	SAVE
	6550	
Drum Diameter (mm)	Left Limit	Right Limit
155	100	9000
SAVE	Encoder Set 0	SAVE

Control System

The system allows operators to set threading point & threading off point manually or generate automatically. AutocutV10.1 system also supports hole path setting, chipless cutting setting and cutting path jump setting.



AWT System

- Tension Device
- Upper Threading Device
- Wire Drum Control
- Lower Arm Device

