

# AQ400L



## Compact Wire-cut EDM with LN2W-Controller

- Linear Motor Driver
- Absolute Linear Scale
- Sodick Motion Control
- Ceramic Components
- FJ AWT
- Wire Tension Servo
- Electrolysis Free Circuit
- Dielectric Chiller
- Touch Panel
- High-rigid Cast Machine Constructions
- LAN Connection
- Active power restart (UPS)

### Technical Specifications

X x Y x Z-axis Stroke (mm)	400 x 300 x 250
U axis x V axis Stroke (mm)	80 x 80
Taper angle (height of 80mm)	± 20°
Max. workpiece dimensions (mm)	590 x 450 x 250
Max. workpiece weight (kg)	550
Worktank dimensions (mm)	935 x 770
Wire diameter (mm)	0.10 ~ 0.30
Machine dimensions (mm)	1920 x 2600 x 2095
Installation Space (mm)	2980 x 3675
Machine Weight (kg)	4300

### Options

Taper flex(for taper cutting up to 45°)
Jumbo Feeder
L-Cut (Wire Chopper)
Indexing Table
HTP high voltage circuit
S-PIKA-W (Factory option)
8-axis simultaneous control (Factory option)

### CNC Power Supply LN2W

Max. machining current	40A
Power requirement	380-440V 50Hz
CNC unit	Multi-task OS, Sodick Motion Controller
User memory capacity	Edit: 100,000 blocks / saving: 30MB
Memory device	CF Card, External Memory
Input format	USB port, LAN, Touch Screen, Keyboard
Display type	15.1" TFT-LCD Touch Screen (XGA)
Character set	Alphanumeric and symbols
Simultaneously controlled axes	Max. 4 axes (LN20W Max 8 axes)
Min. input command	0.01µm
Min. drive unit	0.01µm
Drive mechanism	Linear motor

