

# AG80L LST



Image shows non-CE

## The 5th Generation Linear EDM

- 10 year warranty on positioning accuracy
- Linear motor (X/Y/Z axis)
- Absolute linear scale (X/Y/Z axis)
- Ceramic components
- Linear motor cooling unit
- Dielectric fluid cooling unit
- 1Gbit/sec communication technology
- SVC circuit
- "SGF Plus" Nano-Wear Discharge Unit
- TMM3 generator
- Improved Ease of Operation
- Remote controller
- LN Professional software for optimum condition search
- Intelligent Q3vic EDM
- Clamping chuck
- LAN interface
- USB port
- 15" TFT screen
- Work light

### Technical Specifications

X/Y/Z axis travel (mm)	850 x 520 x 420
Ceramic table dimensions (mm)	1,200 x 700
Worktank dimensions (mm)	1,800 x 1,000 x 500
Dielectric level (min ~ max, mm)	225 ~ 500
Max. workpiece weight (kg)	3,000
Max. electrode weight (kg)	100
Distance from floor to table top (mm)	840
Machine tool dimensions (W x D x H mm, Incl. power supply and dielectric tank)	2,375 x 3,560 x 2,900
Step resolution (mm)	0.0001
Machine weight (kg)	9,800
Controlled axis	4
Air pressure (Automatic Clamping chuck, MPa)	0.65

### Dielectric tank

Dielectric fluid	Oil
Weight (empty, kg)	600 (main) + 300 (sub)
External dim. (W x D x H, mm)	2,060 x 1,270 x 2,230 (Main) 700 x 2,350 x 1,150 (Sub)
Capacity (l)	1,730
Filtration method	4 replaceable paper filters (MF-2400)

### C Axis (optional)

Resolution	0.001°
Rotational speed (min ~ max rpm, continuous)	2 ~ 20

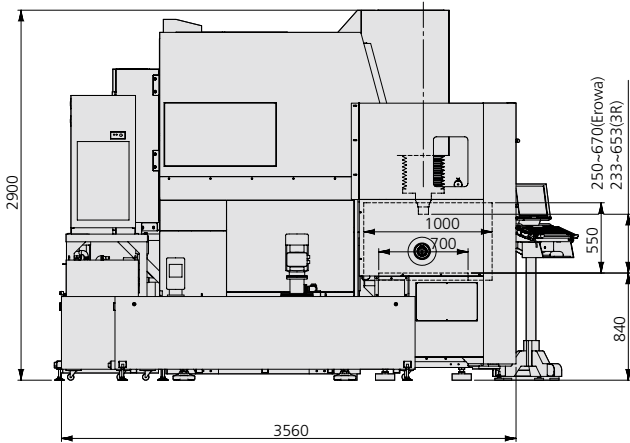
### Options

Oscilloscope	SEC-10 (C axis unit)
Active Power Restart (UPS)	High Precision Rotary Head, C axis
40A booster	6/8-axis simultaneous (factory option)
80A booster	Custom colour (factory option)
120A booster	

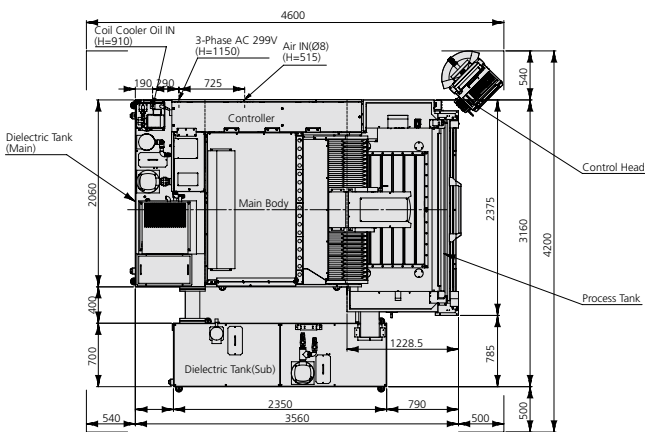
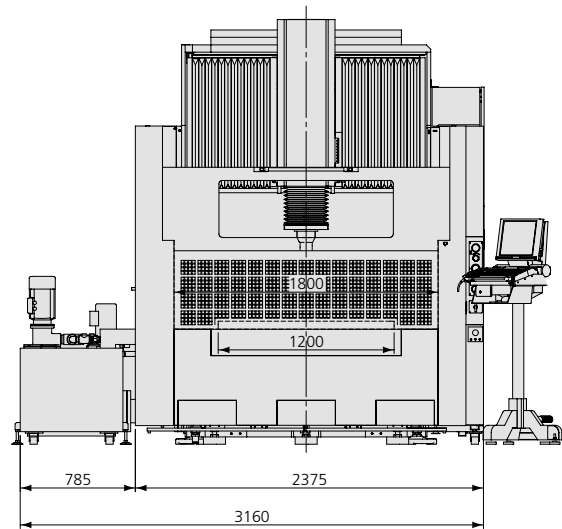


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Side View



Front View



Top View

- All CE spec machines have external transformer with dimension of ca. 650 x 460 x 540mm

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