

# 5<sup>TH</sup> GENERATION LINEAR EDM

## AG100L

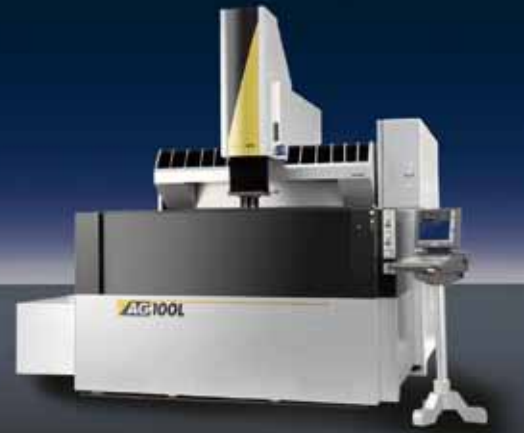


Image shows non-CE

- 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
- Clamping chuck
- LAN interface
- USB port
- 15" TFT screen
- Work light

### Technical Specifications

X/Y/Z axis travel (mm)	1,200 x 650 x 500
Table dimensions (mm)	1,600 x 1,000
Worktank dimensions (mm)	2,100 x 1,250 x 650
Dielectric level (min ~ max, mm)	325 ~ 600
Max. workpiece weight (kg)	5,000
Max. electrode weight (kg)	100
Distance from floor to table top (mm)	940
Machine tool dimensions (W x D x H, mm, Incl. power supply and dielectric tank)	3,820 x 4,200 x 3,340
Step resolution (mm)	0.0001
Machine weight (kg)	12,500
Controlled axis	4
Air pressure (Automatic Clamping chuck, MPa)	0.65

### C Axis (optional)

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

### Options

Oscilloscope
Active Power Restart (UPS)
40A booster
SEC-10 (C axis unit)
High Precision Rotary Head, C axis
8-axis simultaneous (factory option)
Custom colour (factory option)
Automatic Tool Changer

### Dielectric tank

External dim. (W x D x H, mm)	2,520 x 900 x 2,330 (Main) 900 x 2,650 x 1,250 (Sub)
Weight (empty, kg)	650 (main) + 450 (sub)
Dielectric fluid	Oil
Capacity (l)	2,770
Filtration method	6 replaceable paper filters (MF-2400)

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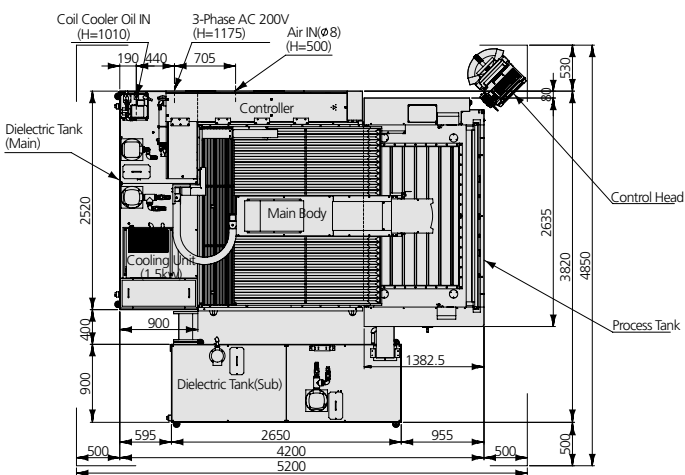
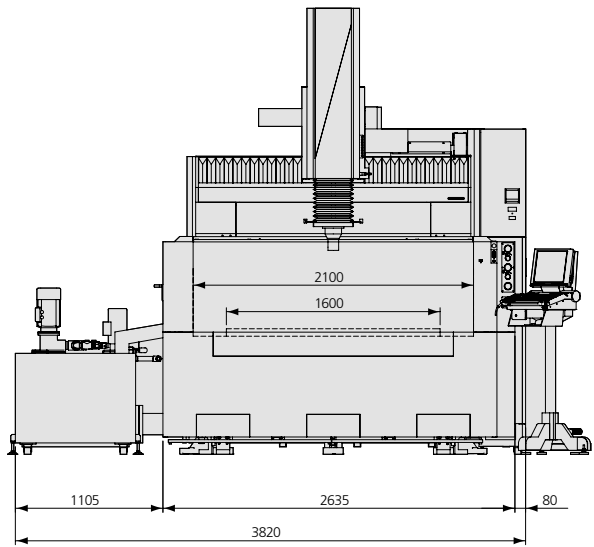
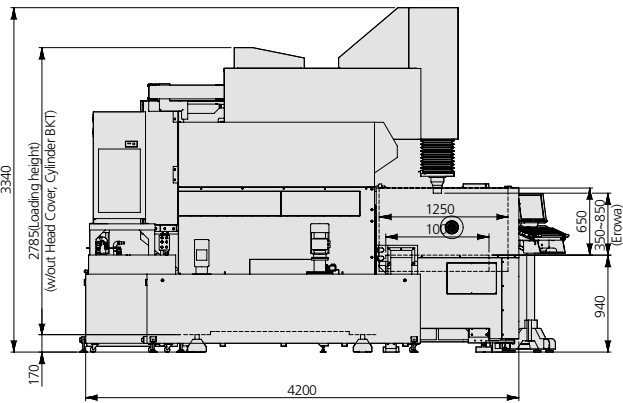
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Image shows non-CE

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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