

# AG40L



## 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
- SVC circuit
- "SGF2" Nano-Wear Discharge Unit
- TMM3
- Improved Ease of Operation
- NC operation panel
- Remote controller
- LN Professional software for optimum condition search
- Intelligent Q<sup>3</sup>vic EDM
- 3-side Rise and fall work tank
- 15" TFT Colour Screen
- LAN interface
- USB port
- Totalising hour metre
- Work light

### Technical Specifications

X/Y/Z axis travel (mm)	400 x 300 x 270
Ceramic table dimensions (mm)	600 x 400
Worktank dimensions (mm)	750 x 620 x 350
Dielectric level (min ~ max, mm)	100 ~ 300
Max. workpiece weight (kg)	550
Max. electrode weight (kg)	50
Distance from floor to table top (mm)	830
Machine tool dimensions (W x D x H mm, Incl. power supply and dielectric tank)	1662 x 2490 x 2330
Step resolution (mm)	0.0001
Machine weight (kg)	4100
Controlled axis	4
Air pressure (Automatic Clamping chuck, MPa)	0.65

### Dielectric tank

Dielectric fluid	Oil
Capacity (l)	285
Filtration method	Replaceable paper filter (MF-2400)

### C Axis (optional)

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

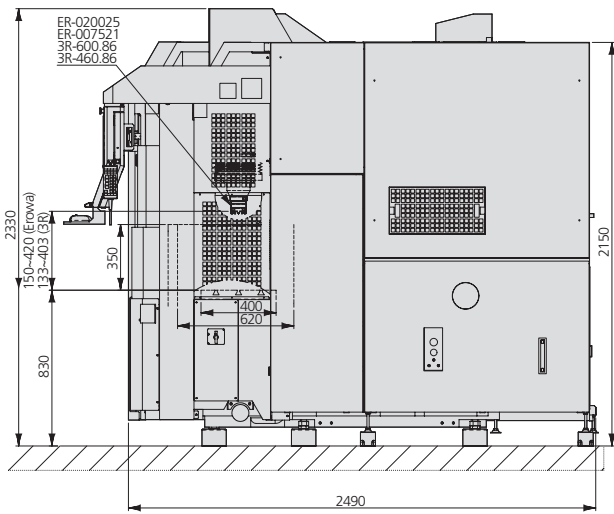
### Options

Oscilloscope	High Precision Rotary Head, C axis
Active Power Restart (UPS)	Linear electrode changer Shuttle ATC
STP circuit (for hard metal cutting)	Automatic tool changer (ATC)
40A booster	Automation System: work piece changer, electrode changer and robots
Custom colour	8-axis simultaneous control (Factory option)
Extended work height (Factory option)	Left handed CNC specification (Factory option)

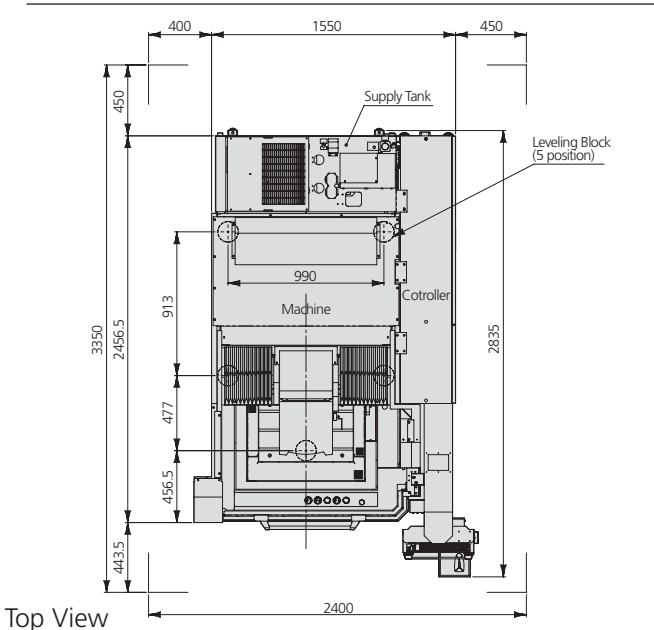
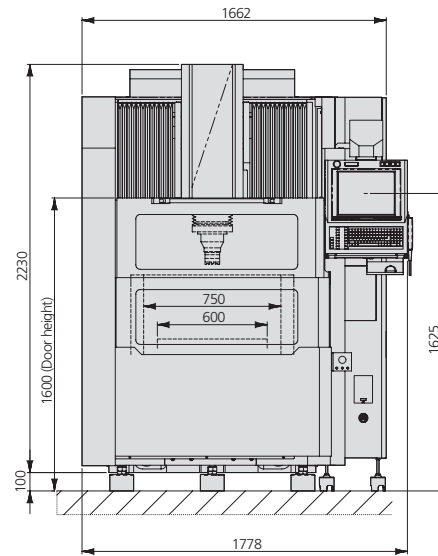


# AG40L

Side View



Front View



Top View

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



*create your future*

**Sodick Europe Ltd.**

Rowley Drive, Baginton  
Coventry, CV3 4FG  
United Kingdom

Phone +44 (0) 24 7621 4314  
Fax +44 (0) 24 7630 5680

**Sodick Contact**

email [europa@sodick.eu.com](mailto:europa@sodick.eu.com)  
online [www.sodick.org](http://www.sodick.org)