

# AG55L



## Precision machining for heavy-weight EDM

- 10 year warranty on positioning accuracy
- Linear motor (X/Y/Z axis)
- Linear scale (X/Y/Z axis)
- Ceramic components
- Linear motor cooling unit
- Dielectric fluid cooling unit
- SVC circuit
- "SGF" Nano-Wear Discharge Unit
- SEC-10 (C axis unit)
- Improved Ease of Operation
- NC operation panel
- Remote controller
- LN assist software for optimum condition search
- Intelligent Q<sup>3</sup>vic EDM
- Rise and fall work tank
- Clamping chuck
- LAN interface
- USB port
- Totalising hour metre
- Work light

### Technical Specifications

X/Y/Z axis travel (mm)	550 x 400 x 350
Ceramic table dimensions (mm)	750 x 550
Worktank dimensions (mm)	950 x 725 x 410
Dielectric level (min ~ max, mm)	80 ~ 360
Max. workpiece weight (kg)	1000
Max. electrode weight (kg)	50
Distance from floor to table top (mm)	840
Machine tool dimensions (W x D x H mm, Incl. power supply and dielectric tank)	1715 x 1250 x 1035
Step resolution (mm)	0.0001
Machine weight (kg)	4200
Controlled axis	4
Air pressure (Automatic Clamping chuck, MPa)	0.65

### Dielectric tank

External dimensions (W x D x H, mm)	1180 x 1250 x 1035
Weight (empty, kg)	170
Dielectric fluid	Oil
Capacity (l)	475
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
80A booster	JauchSchmider Rotary table (indexing or simultaneous movement)
120A booster	Custom colour
Left handed CNC specification (Factory option)	

