

# AQ15L

Linear Motor Drive Large Size Die Sinker EDM



- 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
- NC operation panel

- Remote controller
- LN assist software for optimum condition search
- Clamping chuck
- LAN interface
- USB port
- Totalising hour metre
- Work light
- Air Booster

## Technical Specifications

X/Y/Z axis travel (mm)	900 x 1500 (+500) x 600
Table dimensions (mm)	1000 x 2000
Worktank dimensions (mm)	1400 x 2500 x 800
Dielectric level (min ~ max, mm)	400 ~ 750
Max. workpiece weight (kg)	10000
Max. electrode weight (kg)	100
Distance from floor to table top (mm)	1000
Machine tool dimensions (W x D x H, mm) (Incl. power supply and dielectric tank)	3050 x 5180 x 4220
Step resolution (mm)	0.0001
Machine weight (kg)	11000
Controlled axis	4
Air pressure (Automatic Clamping chuck, MPa)	0.65

## Dielectric tank

External dimensions (W x D x H, mm)	3050 x 2050 x 2550
Empty weight (kg)	2200
Dielectric fluid	Oil
Capacity (l)	4500
Filtration method	Replaceable paper filter (MF-2400)

## C Axis (optional)

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

## Options

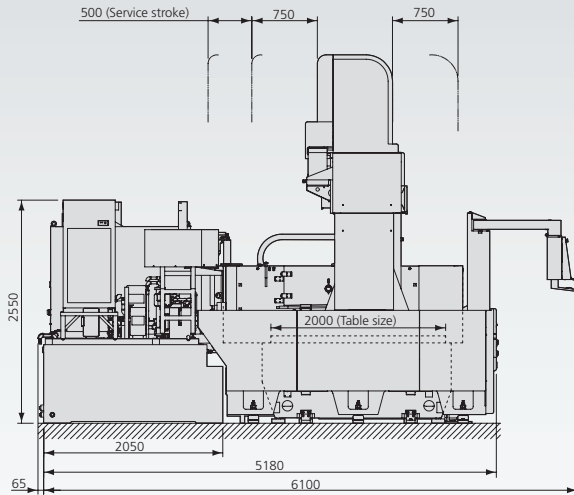
Oscilloscope	High Precision Rotary Head
Active Power Restart (UPS)	Linear electrode changer Shuttle ATC
STP circuit (for hard metal cutting)	JauchSchmider Rotary table (indexing or simultaneous movement)
120A booster	Custom colour
160A booster	C axis

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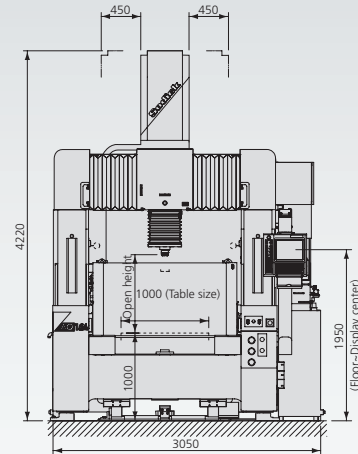
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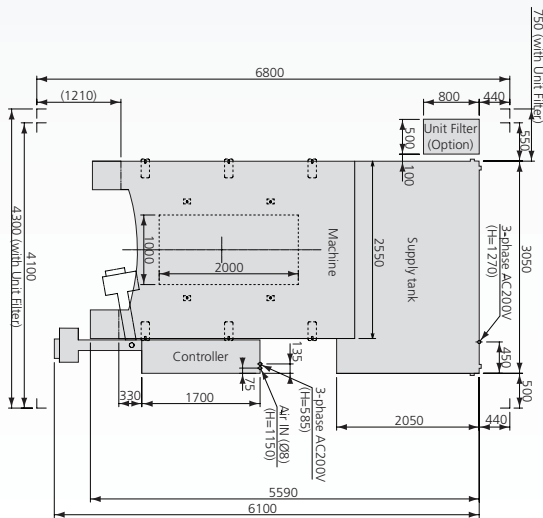
Side View



Front View



Top View



Due to ongoing research, specifications are subject to change without prior notice.

# Sodick

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Sodick Europe Ltd.

Rowley Drive, Baginton  
Coventry, CV3 4LS  
United Kingdom

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

Sodick Contact

email europe@sodick.eu.com  
online www.sodick.org