Large Size Linear Die Sinker EDM

AL100G+



Standard Features

- 10-year guarantee on positioning accuracy
- Linear Motor (X/Y/Z axis)
- Absolute Linear scale (X/Y/Z axis)
- Ceramic components
- Sodick Motion Controller
- Linear motor cooling unit
- Dielectric fluid cooling unit
- Energy saving pump system
- SVC circuit
- "SGF4" Nano-Wear Discharge Unit
- TMM4
- BSN4 finishing circuit
- SP controller
- 19" TFT colour screen
- Intelligent Q^3vic EDM
- Remote controller
- LN Professional AI software for optimum condition search
- Automatic tank door
- Clamping chuck
- LAN interface
- Totalising hour metre
- 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)	13,700
Controlled axis	4
Air pressure (Automatic Clamping chuck, MPa)	0.65

Dielectric tank

External dimensions	2,520 x 900 x 2,330 (Main)
(W x D x H, mm)	900 x 2,650 x 1,250 (Sub)
Empty weight (kg)	650 (Main) + 450 (Sub)
Dielectric fluid	Oil
Capacity (l)	2,770
Filtration method	6 replaceable paper filters

Options

C-axis SEC10 (20 rpm)
Active Power Restart (UPS)
Custom-made tank
SCF72P High-precision rotary head (2000 rpm)
8-axis simultaneous (factory option)
Automatic Tool Changer

The dielectric chillers on Sodick machines contain either fluorinated greenhouse gas R410A or R407C. Due to ongoing research, specifications are subject to change without prior notice.

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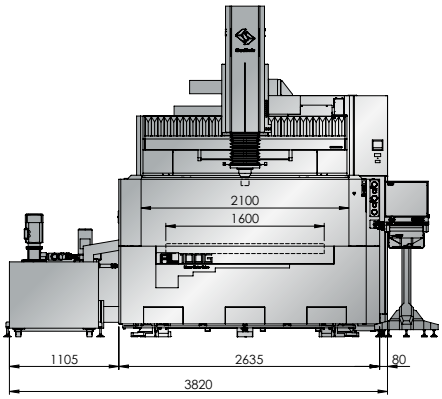
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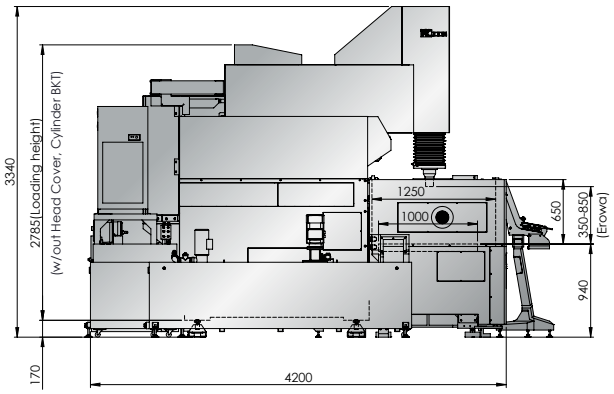
AL100G+

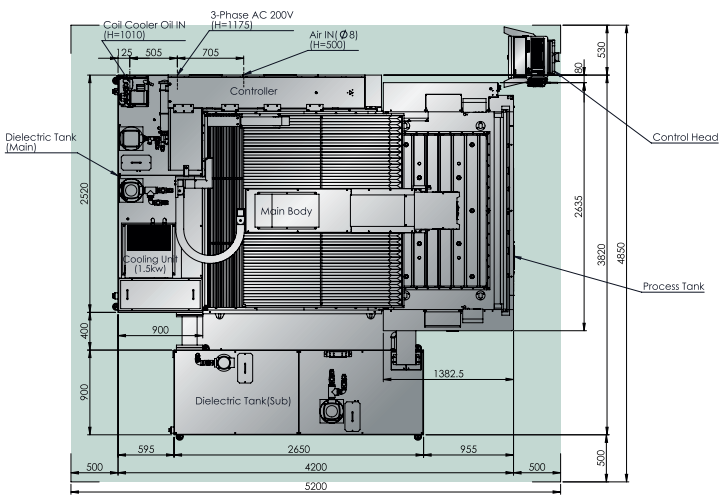


Front View



Side View





Top View

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

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