

Linear Motor Drive /
High-speed & High-precision Die-sinker EDM

AL40G



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
- SVC circuit
- "SGF4" Nano-Wear Discharge Unit
- TMM4
- BSN4 finishing circuit
- SP controller
- 19" TFT colour screen
- Intelligent Q³vic EDM
- Remote controller
- LN Professional AI software for optimum condition search
- 3-side Rise and fall tank
- Clamping chuck
- LAN interface
- USB port
- Totalising hour metre
- Work light

Technical Specifications

X-/Y-/Z- axis stroke (mm)	400 x 300 x 270
Ceramic table dimensions (W x D, mm)	600 x 400
Worktank dimensions (W x D x H mm)	750 x 620 x 350
Dielectric fluid level (mm)	100~300
Max. workpiece weight (kg)	550
Max. electrode weight (kg)	50
Distance from table to chuck (mm)	150~420 (EROWA ITS)
Distance from floor to table top (mm)	830
Machine weight (kg)	4,100
Machine installation space (W x D mm) (excluding ATC unit)	2,525 x 3,535
Total power input	3-phase, 50/60 Hz, 10 KvA

Dielectric tank

Dielectric fluid	Oil
Capacity (l)	285
Filtration method	Replaceable Paper Filters

Options

C-axis SEC10 (20 rpm)	Table down 50 mm
ATC Unit (4, 12, 16, 32-station)	Table down 100 mm
SCR72P High-precision rotary head (2000 rpm)	Automation system
UPS (Active Power Restart)	8-axis simultaneous control SP-E
40A booster	



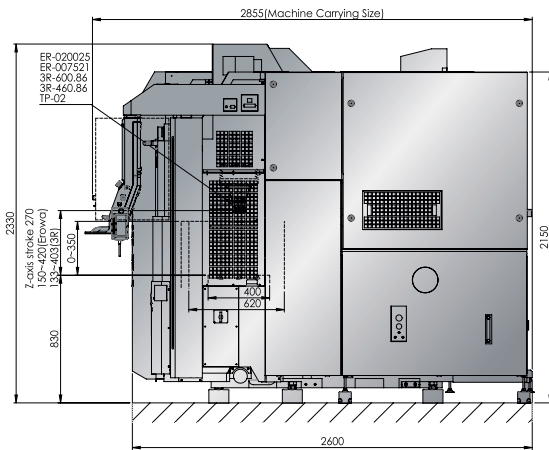
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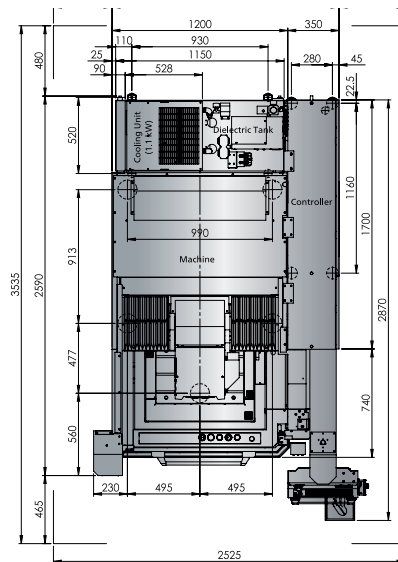
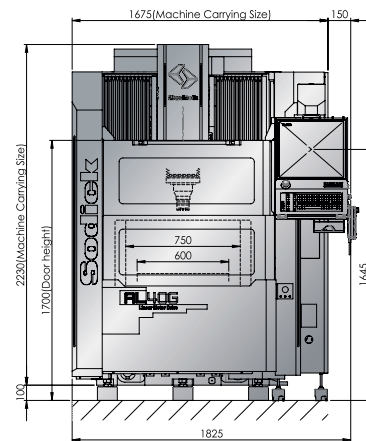
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Side View



Front View



Top View

Specifications are subject to change without prior notice due to continual research and development.



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