

# AL40G

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



- Linear motor (X-/Y-/Z- axis)
- Absolute linear scales (X-/Y-/Z- axis)
- SP controller
- 19" TFT colour screen
- Ceramic work-zone
- SGF 4 Nano-Wear discharge unit
- LN Professional AI for optimum condition search
- Sodick Motion Controller

- 3-sided rise and fall work tank
- Remote controller
- Improved ease of operation
- LAN/ USB interface
- Dielectric fluid cooling unit
- Totalising hour meter
- 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

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

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	



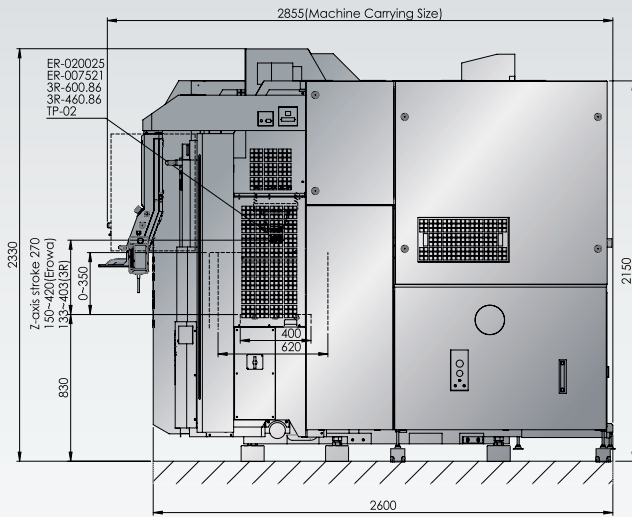
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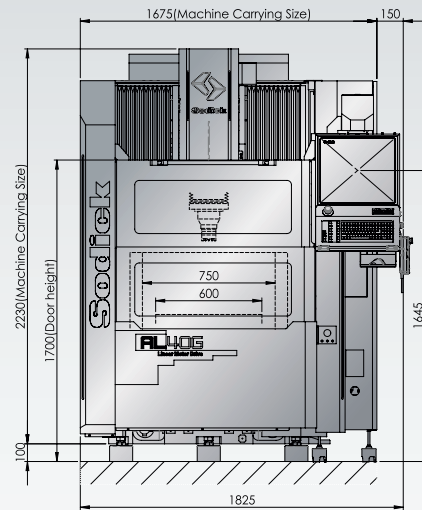
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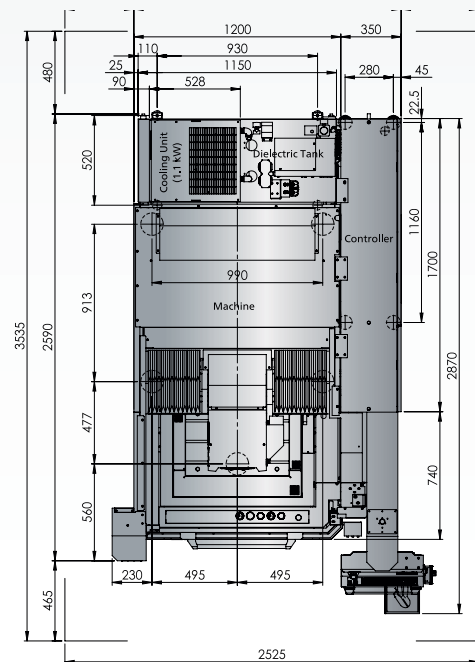
Side View



Front View



Top View



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



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