Smart Linear, Smart Pulse, Premium

ALC600G

groove

Standard Features

- Linear motor (X/Y/U/V axis)
- Absolute linear scales (X/Y/U/V axis)
- Sodick Motion Controller
- Ceramic work-zone
- Remote controller
- 3-sided rise and fall work tank
- Triple filtration system
- Improved ease of operation
- Advanced wire tension control
- SPW generator
- SODICK Fine Corner Control
- Energy saving circuit
- Digital PIKA W Plus for super surface finish
- DSF (Dynamic Shape First)
- Automatic water level control
- Fixed Jet AWT (Automatic wire threader)
- Wire end remover
- Dielectric cooling unit
- Voltage stabiliser
- LAN interface
- 19" TFT colour screen
- Intelligent Q3vic EDW
- Anti-virus Software
- Work light
- Built-in 20kg wire feeder

Technical Specifications

X/Y/Z axis travel (mm)	600 x 400 x 350
U/V axis travel (mm)	150 x 150
Taper angle (Work. height 130mm)	±25°
Work tank dimensions (W x D, mm)	1050 x 710
Max. workpiece weight (kg)	1000
Wire diameter (mm)	Ø 0.1 ~ Ø 0.3
Wire tension (N)	3 ~ 23
Max. wire speed (mm/sec)	420
Max. wire bobbin (kg)	20
Distance from floor to table top (mm)	995
Machine tool dimensions (W x D x H, mm)	2,575 x 2,945 x 2,345
Machine tool weight (kg)	4,600 kg
Total power input	3-phases 50/60Hz 13KVA

Dielectric tank

External dim. (W x D, mm)	870 x 2,605
Weight (empty, kg)	500
Dielectric fluid	De-ionized Water
Capacity (l)	1,000
Dielectric fluid filtration system	4 Replaceable paper filters (internal pressure)

Options

0.05mm wire spec.	Esprit CAM software offline (regional option)
HTP high-voltage circuit	Automation system
Taper flex 45 NEO (for taper cutting up to 45°)	WS4P/5P rotary table (indexing or simultaneous movement)
L-Cut (Wire chopper)	8-axis Simultaneous Control (Factory option)
Anti-Corrosion System (ANCS)	Booster (Total 60A)

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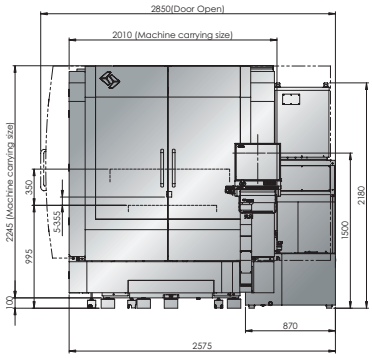
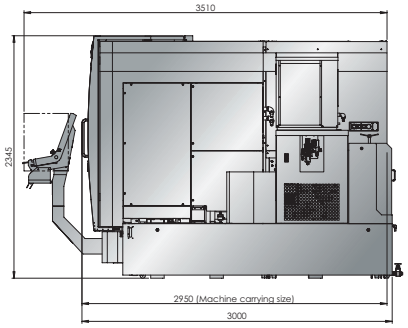
Front View



Side View



Top View

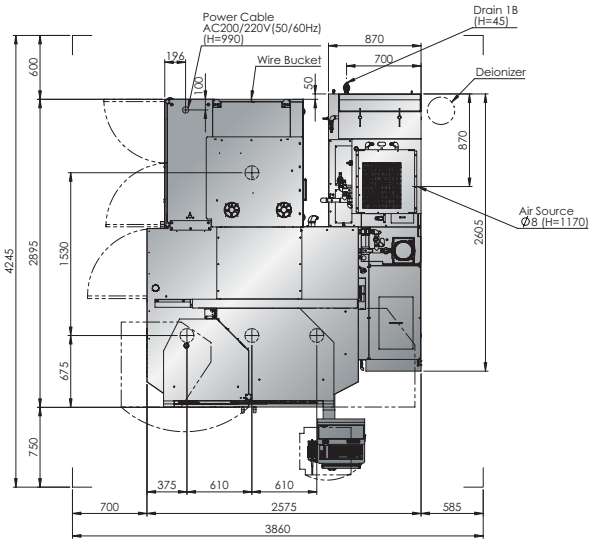
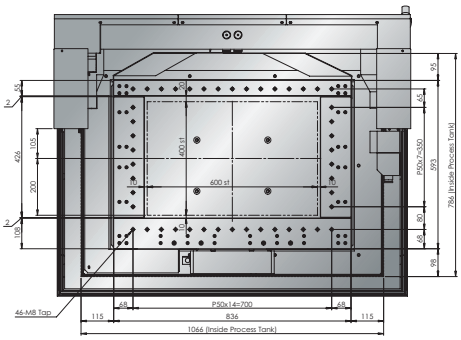


Table Drawing



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

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