

Smart Linear, Smart Pulse, Premium

# ALC800GH



## 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
- Automatic work tank door
- Quadruple filtration system
- Wire rotation mechanism
- Improved ease of operation
- Advanced wire tension control
- SPW generator
- SODICK Fine Corner Control
- Energy saving circuit
- Digital PIKA W Plus
- 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)	800 x 600 x 730
U/V axis travel (mm)	200 x 200
Taper angle (Work. height 130mm)	±30°
Work tank dimensions (W x D, mm)	1,312 x 1,058
Max. workpiece weight (kg)	3,000 kg
Wire diameter (mm)	0.2 ~ 0.3
Distance from floor to table top (mm)	1,150 mm
Max. wire bobbin (kg)	20
Machine tool dimensions (W x D x H, mm)	4,200 x 3,590 x 3,390
Machine tool weight (kg)	6,600
Total power input	3-phases 50/60Hz 13KVA

## Dielectric tank

External dim. (W x D, mm)	2,280 x 3,150
Weight (empty, kg)	1,100
Capacity (l)	2,500
Dielectric fluid filtration system	4 Replaceable paper filters (internal pressure)

## Options

HTP high-voltage circuit
Taper flex 45 NEO (for taper cutting up to 45°)
8-axis Simultaneous Control (Factory option)
L-Cut (Wire chopper)
Booster (Total 60A)
Anti-Corrosion System (ANCS)

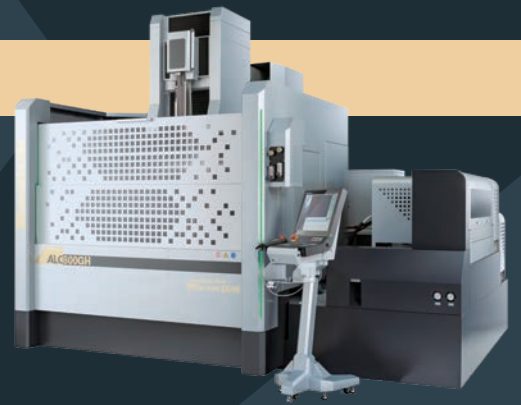
**Sodick**



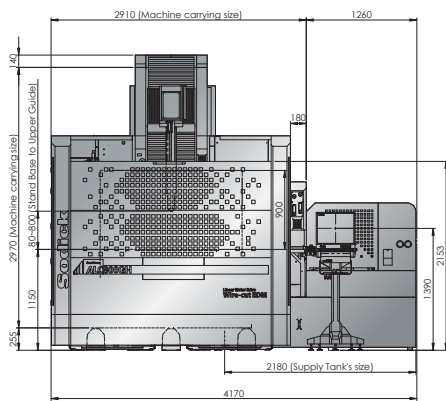
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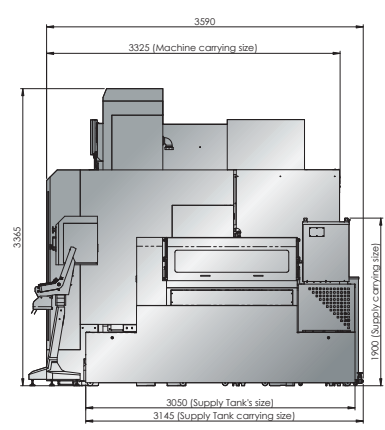
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Front View



Side View



Top View

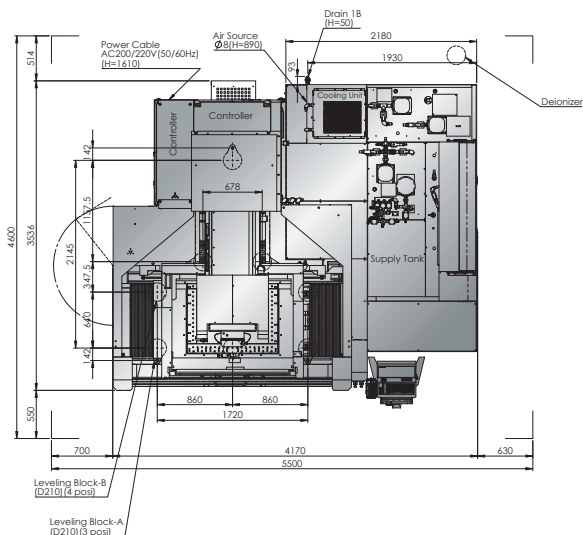
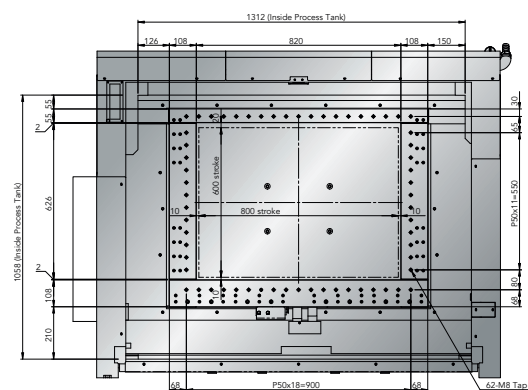


Table Drawing



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



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