

ALC800G

The Best just got Better: Smart Linear, Smart Pulse



- 10 year warranty on positioning accuracy
- 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
- Quadruple 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
- USB port
- Work light
- Built-in 20kg wire feeder

Premium + Features

- 20A Booster (total 60A)

Technical Specifications

XY/Z axis travel (mm):	800 x 600 x 500 (Z 800mmOption)
UV axis travel (mm):	200 x 200
Work tank dimensions (W x D x H, mm):	1,500 x 1040
Max. workpiece weight (kg):	3.000
Distance from floor to table top (mm):	995
Machine tool dimensions (W x D x H, mm):	3,395 x 3,640 x 2,780
Machine installation dimensions (mm):	4,675 x 5,050
Machine weight (kg):	6.000
Taper angle:	±25°
Wire diameter (mm):	Ø 0,10~ Ø 0,30
Wire tension (N):	3~23
Max. wire speed (mm/sec):	420

Dielectric Tank

External dimensions (W x D x H, mm):	1,505 x 3,060
Tank weight (kg):	800
Capacity (l):	1.500
Filtration method:	4 replaceable paper filters (internal pressure)

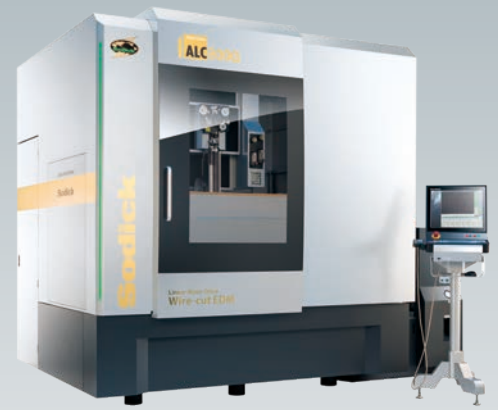


Options

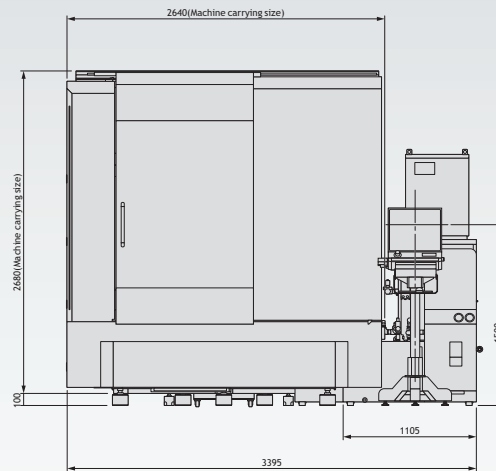
HTP high-voltage circuit	Automation System
Taper flex 45 NEO (for taper cutting up to 45°)	WS4P/5P rotary table (indexing or simultaneous movement)
L-Cut (Wire chopper)	8-axis Simultaneous Control (Factory option)
Anti-Corrosion System (ANCS)	Active Power Restart (UPS)

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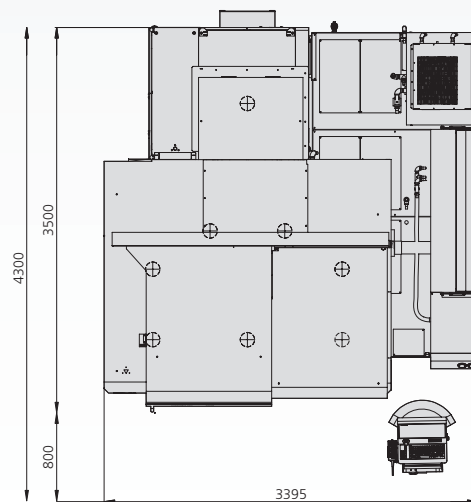
Technical Specifications



Front View



Top View



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

Sodick

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