

SL400Q

Linear motor drive Wire-cut EDM



- Linear motor (X/Y/U/V axis)
- Absolute linear scales (X/Y/U/V axis)
- Sodick Motion Controller
- Ceramic work-zone
- Remote controller
- Dual filtration system
- Improved ease of operation
- Advanced wire tension control
- SPW generator
- SODICK Fine Corner Control
- Energy saving circuit

- Digital PIKA W for super surface finish
- Automatic water level control
- Fixed Jet AWT (Automatic wire threader)
- Wire end remover
- Dielectric cooling unit
- Voltage stabiliser
- LAN interface
- 19" TFT colour screen
- USB port
- Work light

Technical Specifications

X/Y/Z axis travel (mm)	400 x 300 x 250
U/V axis travel (mm)	120 x 120
Taper angle (Work. thickness 100mm)	±25°
Work tank dimensions (W x D x H, mm)	850 x 756
Max. workpiece weight (kg)	500
Wire diameter (mm)	Ø 0.1 ~ Ø 0.3
Wire tension (N)	3 ~ 23
Max. wire speed (mm/sec)	420
Distance from floor to table top (mm)	995
Machine tool dimensions (W x D x H, mm)	1905 x 2495 x 2130
Machine installation dimensions (mm)	3410 x 3845
Machine tool weight (kg)	3350
Total power input	3-phases 50/60Hz 13KVA

Dielectric Tank

External dimensions (W x D, mm)	733 x 2050
Empty weight (kg)	400
Capacity (l)	650
Filtration method	Replaceable paper filters (internal pressure)
Deionizer	Ion exchange resin (18-lit. type)

Options

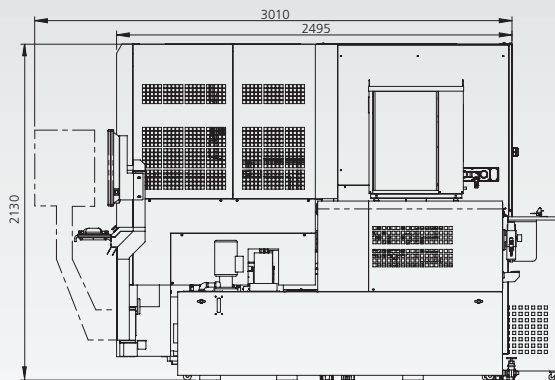
Built-in 20kg wire feeder	Anti-Corrosion System (ANCS)
Active Power Restart (UPS)	Esprit CAM software offline (regional option)
HTP high-voltage circuit	Custom colour
Taper flex 45 NEO (for taper cutting up to 45°)	WS4P/5P rotary table (indexing or simultaneous movement)
L-Cut (Wire chopper)	

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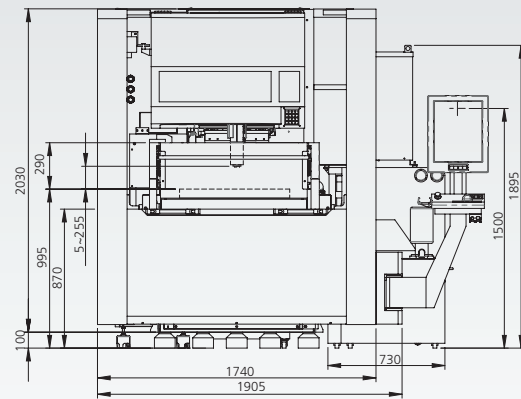
Technical Specifications



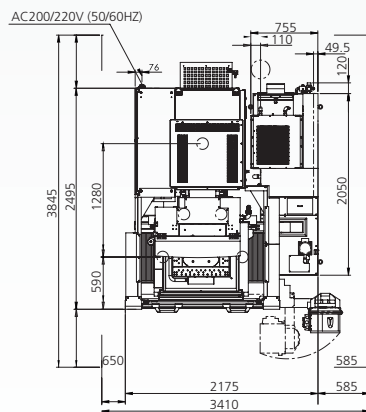
Side View



Front View



Top View



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

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