

Linear Motor Drive / High-Speed /  
High Precision Die Sinker EDM

# AP30L



## Standard Features

- Linear Motor (X/Y/Z axis)
- 10-year guarantee on positioning accuracy
- Absolute Linear scale (X/Y/Z axis)
- Ceramic components
- Sodick Motion Controller
- Linear motor cooling unit
- High precision head structure
- Temperature control system
- Dielectric fluid cooling unit
- SVC circuit
- "SGF4" Nano-Wear Discharge Unit
- TMM4
- BSN4 finishing circuit
- SP controller
- 19" TFT colour screen
- Intelligent Q<sup>3</sup>vic EDM
- Remote controller
- LN Professional AI software
- 3-side Rise and fall tank
- Clamping chuck
- LAN interface
- USB port
- Totalising hour metre
- Work light

## Technical Specifications

X/Y/Z axis travel (mm)	300 x 250 x 200
Work table size (W x D, mm)	500 x 350 (ceramic)
Work tank capacity (l)	120
Work tank dimensions (W x D x H, mm)	710 x 540 x 330
Max. workpiece weight (kg)	200
Max. weight of electrode (kg)	5
Distance from table to chuck (mm)	185 ~ 385 (EROWA)
Distance from floor to table top (mm)	780
Machine dimensions (W x D x H, mm)	1,342 x 1,817 x 2,000
Machine tool weight (kg)	3,770
Total power input	3-phases 50/60Hz 7.0KVA

## Dielectric tank

Dielectric Fluid	EDM Oil (Class 4 Petroleum No.3)
Dielectric Tank Capacity (l)	195
Filtration	Replaceable paper filters

## Options

R Head
Multi-Position Valves 6POSI
Rotary Table WS4P
Additional Ceramic Base
ATC-32E
UPS (Backup power supply for 10 mins. / Externally installed)
Oscilloscope
SN-Plus
8-Axis Version Up
Maximum Machining Current: 40A



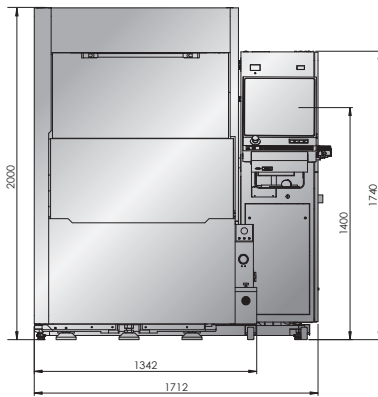
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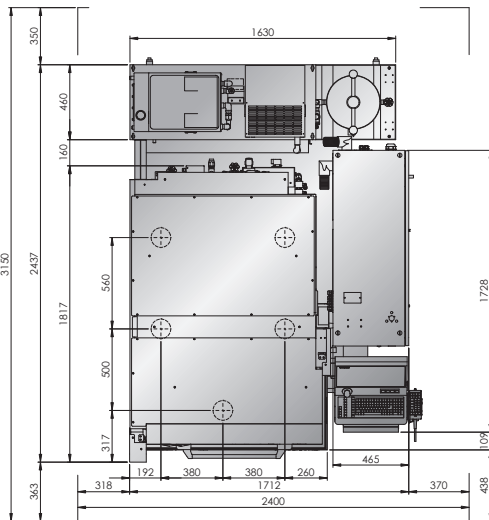
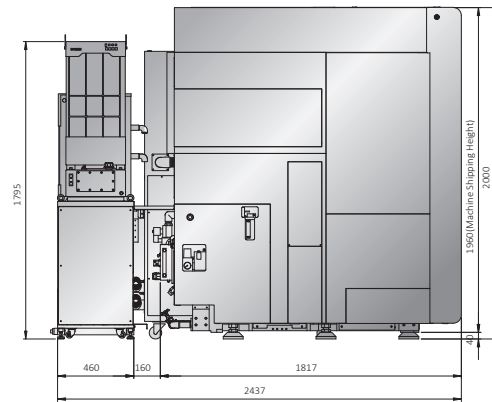
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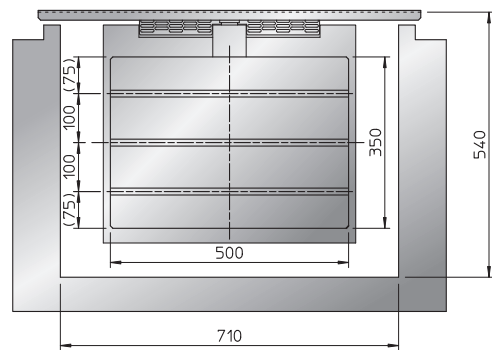
Front View



Side View



Top View



Dielectric Tank Dimensions

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



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