

Smart Linear, Smart Pulse, Premium

ALC400P



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
- 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 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 stroke (mm)	400 x 300 x 250
U-/V-axis stroke (mm)	150 x 150
Taper angle (130mm)	±25° (±45° optional)
Worktank dimensions (W x D mm)	850 x 610
Max. workpiece weight (kg)	500
Wire diameter (mm)	0.1 ~ 0.3
Distance from floor to table top (mm)	995
Max. wire bobbin (kg)	20
Machine weight (kg)	3,400
Machine installation space (W x D mm)	3,425 x 3,850
Total power input	3-phases, 50/60Hz, 13KvA

Dielectric tank

External dimensions (W x D, mm)	775 x 2,250
Empty weight (kg)	450
Capacity (lit)	790
Dielectric fluid filtration system	4 Replaceable paper filters (internal pressure)

Options

0.05mm wire spec.
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)
Touch probe unit
Optical measurement system
Automation system

Sodick



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