

AP250L

The Best just got Better: Smart Linear, Smart Pulse



- 10 year warranty on positioning accuracy
- Taper cut unit
- Corner control
- Energy saving circuit
- Dielectric cooling unit
- Fixed Jet AWT (Automatic Wire Threader)
- Super PIKA O
- Tension servo
- FT II (Fine Pick-up Function)
- Voltage stabilizer
- Active Power Restart (UPS)
- Linear scale (X,Y,U,V axis)
- Eco-Cut O
- Cross roller guides
- Linear Motor Drive (X, Y, U, V axes)
- Thermally stable machine construction
- SPW Power supply
- 3-sided automatic tank door
- Worktable with 3 frames
- Ceramic components
- Intelligent Q3vic EDW
- 1Gbit/sec communication technology
- LAN interface
- USB port
- 19" TFT screen
- Work light

Technical Specifications

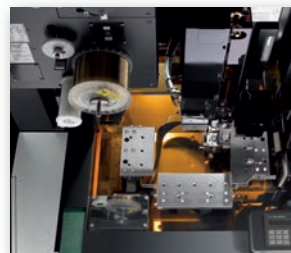
Max. workpiece height (WxDxH)	400 x 270 x 100 mm
Max. workpiece weight	80 kg
XYZ axis travel	250 x 150 x 120 mm
U x V axis travel	35 x 35 mm
Taper angle (Work. thickness 100mm)	± 7°
Wire diameter	ø 0.05 - ø 0.20 mm (ø 0.03 mm optional)
Wire tension	3 ~ 18N
Max. wire speed	250 mm/sec.
Distance from floor to table top	1080 mm
Machine tool dimensions (W x D x H)	1875 x 2690 x 2105 mm (incl. power supply, dielectric tank, and wire bucket)
Machine weight	3730 kg (Incl. CNC and Dielectric tank)
Total power input	3-phases 50/60Hz 10 KVA

Dielectric tank

External dimensions (W x D x H)	1050 x 1310 x 1600 mm
Dielectric fluid	Oil
Dielectric fluid capacity	375 liter
Fluid filtration method	Replaceable paper filter (Two inner pressure cylinder type)

Options

0.03mm wire (factory option)
Jumbo feeder
Extended Z-axis travel (factory option)
Automation System: workpiece changer
6/8 axis simultaneous (factory option)



The dielectric chillers on Sodick machines contain either fluorinated greenhouse gas R410A or R407C.

Sodick

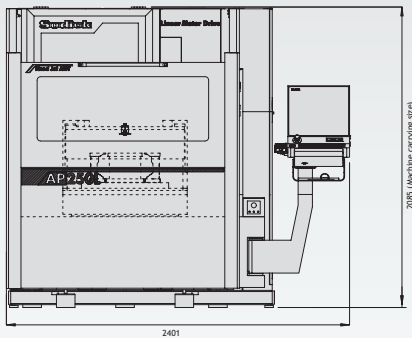
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AP250L

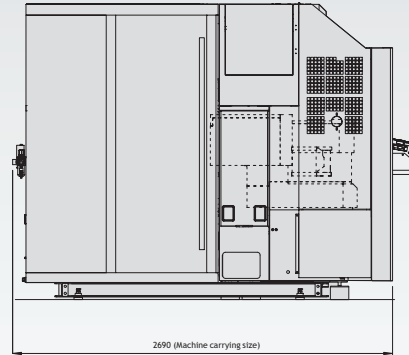
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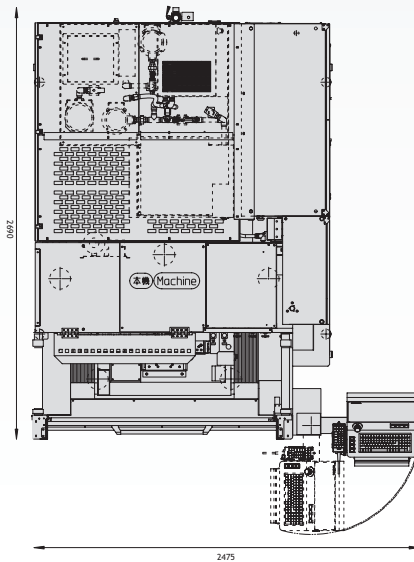
Front View



Side View



Top View



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

Sodick

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