

# VZ300L

## Linear motor drive Wire-cut EDM



- Linear motor (X/Y/Z axis)
- Absolute linear scale (X/Y/Z axis)
- Ceramic components
- Linear motor cooling unit
- LN2W generator
- Remote controller
- Improved ease of operation
- High speed electrolysis free circuit
- SODICK Fine Corner Control
- Energy saving circuit

Machine installation space (W × D, mm)	2600 x 2950
Machine weight (kg, including power supply)	2400
Air flow	0.5 MPa, 30 NL/min
Total power input	3-phases 50/60Hz 11 KVA

- FTII (Fine pick-up function)
- Automatic water level control
- Super jet AWT (Automatic wire threader) ▪ Heart NC software
- Wire end remover
- Dielectric cooling unit
- Voltage stabiliser
- LAN interface
- USB port

Technical Specifications	
Max. workpiece dimensions (W × D × H, mm)	780 × 570 × 215
Max workpiece weight (kg)	500
Work tank dimensions (W × D, mm)	810 x 650
X/Y/Z axis travel (mm)	350 x 250 x 220
U/V axis travel (mm)	80 x 80
Taper angle (at workpiece thickness of 120mm)	±15 °
Wire diameter (mm)	Ø 0.15 ~ Ø 0.3
Wire feed speed (mm/sec, max.)	420
Wire tension (N)	3 ~ 23
Machining method	Flushing / Submerge
Distance from floor to table top (mm)	900
Wire bobbin weight (kg)	8
Machine dimensions (W × D × H, mm) (including power supply, supply tank)	1895 x 2180 x 1960

Dielectric Tank	
External dimensions (W × D × H, mm)	710 x 2070 x 1800
Empty weight (kg)	370 kg
Capacity (l)	550
Filtration method	2 replaceable paper filters (internal-pressure type)
Deionizer	Ion-exchange resin (18-lit.type)

Options	
aper flex 45 (for taper cutting up to 45°)	WS4P/5P rotary table (indexing or simultaneous movement)
L-Cut (Wire chopper)	

*create your future*

# VZ300L

## Technical Specifications



1930

1895

1930

175 st  
1895

1895

1930

175 st  
1895

1895

175 st

1895

735

735

2070

1725

2070

1725

735

Drain 1B

Drain 1B

1725

(H=45)

945

945

(H=45)

700

700

480

480

3-phase AC200V

3-phase AC200V

Wire Bucket

Deionizer

200

200

480

Wire Bucket

(H=630)

Cooling Unit

Deionizer

350 150

350 150

Controller

(H=630)

90

90

945

560

700

200

(H=45)

90

90

945

560

700

200

90

90

945

560

700

200

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60

480  
8  
1  
2

480  
8  
1  
2

P  
3100  
3100  
3100  
0.8  
3  
500  
2  
1725  
395  
255  
620  
480

V

Rowley Drive, Baginton

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

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