

Thank you very much for your inquiry. We are pleased to submit the following quotation which is subject to confirmation.

Quotation No.

Sodick

The Competence in Linear Technology
CNC Wire-cut EDM



Model VZ300L

- with linear motor drive on X, Y, U, V axes
- with CNC CONTROL SYSTEM LN2W
- High-speed wire threading unit (AWT)



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Machine Consisting of

- CE conformity
- Machine tool in solid cast construction
- Working hour meter (to record the machining time)
- Linear drives on axes X, Y, U, V
- Linear scales on axes X, Y, U, V
- 0.1 μ incremental resolution
- Automatic high-speed wire threading unit
- 1 Set Wire Guide \varnothing 0.25 mm
- Wire tip disposal unit (improves reliability of threading process)
- Advanced Corner Control (ACC)
- Ceramic components integrated in working table, Z axis quill, clamping block, wire guide
- Standard toolset (tools for daily maintenance works)
- Dielectric cooling controlled by thermostat
- 15" LCD Color monitor
- USB External memory
- LAN -Interface
- Remote Control
- Mouse
- 64 Bit CNC Control
- Graphic visualization of process
- Heart NC software
- Noise filter

Technical Specification

Machine

X-Y axis travel-----	mm	:	350 x 250
U-V axis travel-----	mm	:	80 x 80
Z axis travel-----	mm	:	220
Max. workpiece size-----	mm	:	780 x 570 x 200 water submerged 780 x 570 x 215 coaxial flushing
Max. workpiece weight-----	kg	:	500
Distance between floor to table top-----	mm	:	900
Controlled axes-----		:	5 (X,Y,Z,U,V)
Max. positioning speed-----	m/min	:	2.0
Wire diameter-----	Ø	:	0.1 - 0.3
Max. wire spool weight-----	kg	:	8.0
Wire tension-----	N	:	3 – 23 N
Wire feed speed max.-----	mm/sec	:	420
Taper angle-----		:	+/-15° /120mm
Machine weight-----	kg	:	2400
Machine tool dimensions-----	mm	:	1895 x 2180 x 1960
Colour-----		:	Silver & Gold
Total power consumption-----	kVA	:	11

Dielectric supply unit

Tank capacity-----	litres	:	550
Weight empty-----	kg	:	370
Filter type-----		:	2 replaceable paper filters
Water resistivity value-----		:	built-in deionizer system
Deionizer cartridge-----	liters	:	18
Water temperature control-----		:	built-in cooling unit
Dimensions-----	mm	:	710 x 2070 x 1800

CNC Power Supply Units LN2W

Max. machining current -----	32 A
Discharge pulse generator-----	Pulse optimization control
Power supply-----	3-phase 50/60 Hz(Transformer 380/400 V)
CNC unit -----	Multitasking OS, Sodick Motion Controller
User's memory capacity-----	30 MB
Data storage medium -----	CF card (4GB), EXT memory (1GB)
Input medium -----	EXT memory (1GB) Mouse, keyboard, Remote controller
Display type -----	15.0 inch TFT-LCD
Character set-----	Alphanumeric characters and symbols
Keyboard-----	Standard (101 keys), function keys
Positioning command-----	Incremental and absolute
Max. input command -----	$\pm 999999.999/\pm 99999.9999$ (switchable)
Machining conditions storage capacity-----	1,000 conditions (C000 to C999)
Offset data storage capacity -----	1,000 conditions (H000 to H999)
Program sequence number assignment -----	N000000000 to N999999999
Subprogram nesting levels-----	50
Q command nesting levels-----	7
Number of coordinates -----	60
Simultaneously controlled axes -----	max. 4 axes/ LN2W
Minimum input command-----	0.1 μm
Minimum feed unit-----	0.1 μm
Jog feed -----	max. 3m/min
Position control system-----	Full closed loop (Linear scales)
Drive system -----	capable of controlling both linear motor and rotary motor
Error compensation -----	for each axis / backlash compensation, torque compensation
Editing -----	2-screen simultaneous display, background editing

Pricing

Sodick CNC Wire-cut Electro Discharge Machine MODEL VZ300L

Machine

Machine VZ300L LN2W----- €

Technical service

Installation and on-site initial training (approx. 2.5 days)----- On request

3 days' training at one of our technical support centers----- On request

Transportation/insurance----- On request

Optional equipment

Jumbo wire feeder (for wire coils up to 50 kg)----- €

UPS ----- €

WS-4/5P (indexing only)----- €

L-cut (Wire chopper)----- €

Terms of Payment and Delivery

Validity of quotation :

Delivery time : 4-6 weeks approx.
upon written order placement and clarification of all
technical details
- Subject unsold -

Payment : Irrevocable letter of credit at sight against shipping
documents

Warranty : 1 year;
apart from that as per the attached terms of delivery

Proprietary rights : If delivery has been made before payment of the whole
sum payable under contract, it shall remain the
property of the contractor until such payment has been
effected.

We hope that our quotation will meet your requirements. Please feel free to contact us for any further information.

Yours faithfully,

Sodick Europe Ltd