

[INSTRUCTION MANUAL]

Sodick CNC - WIRE CUT EDM

VL600QH (CE)

MACHINE TOOL

Sodick

Version 1.3E

Original Instruction

SECTION 2 Specifications and Machine Installation Layout

4. Machine Specifications (CE Type)

MACHINE TOOL SPECIFICATIONS

ITEM	SPECIFICATIONS
Table travel (X and Y axis)	600 mm. x 400 mm. (23.62" x 15.74")
Z axis travel	500 mm. (19.68")
Auxiliary Table travel (U and V axis)	90 x 90 mm. (3.54" x 3.54")
Work Tank dimension (WxD)	1,040 mm. x 780 mm. (40.94" x 30.70")
Maximum height of work piece	500 mm. (19.68"); (480 mm. (18.89") Submerged)
Maximum weight of work piece	850 kg. (1,873 lb.); (700 kg. (1,543 lb.) Submerged)
Distance from floor to Table top	930 mm. (36.61")
Taper angle	$\pm 15^{\circ}$ / 120 mm. (4.72")
Wire tension	3 ~ 23 N (0.66 lb ~ 5.06 lb.)
Wire feed speed (max)	420 mm/sec (16.54 inch/sec)
Wire diameter (Standard specification)	$\varnothing 0.1 \sim \varnothing 0.3$ mm. (0.003" ~ 0.01")
Wire spool volume (max)	8 kg. (17.6 lb.)
Machine tool dimension (WxDxH)	3,020 X 2,605 X 2,540 (118.89" x 102.55" x 99.99")
Machine tool weight	3,450 kg. (7,605 lb.)

ELECTRIC TANK

ITEM	SPECIFICATIONS
External dimensions (WxDxH)	1,360 X 2,430 X 1,810mm.(53.54" x 95.66" x 71.25")
Weight (empty)	740 kg (1,631 lb.)
Capacity	1,320 liters (6,000 gal.)
Deionizer	Ion-exchange resin(18-lit.type)
Filtering system	2 replaceable paper filter (internal-pressure type)