

horizontal wire laying



manufacturing systems for the production of electrofusion pipe fittings
using the MSA patented wire laying technology and processes

The **HWL 225T** is an horizontal format, 3-axis, **twin spindle**, SIEMENS CNC controlled electrofusion wire laying machine. Designed for the wire laying of **small to medium** fittings or pipe sections.



The machine is equipped with software dedicated to producing fittings in the range 20 to 225mm internal diameter, and features two vertically mounted spindles. The machine can be operated with just one spindle (bottom only), or with two spindles producing the same component.

For optimum use and maximum efficiency of the HWL 225T twin spindle, two sets of fixtures, clamps and tooling are required.

PROCESS & EQUIPMENT PROTECTED BY PATENTS: EP1042108 | E215874 | P19813732-8 | 2,312,374 | ZL08812630.3 | Z15588 | 136,935 | 2000-526336 | 10-0616469 | 220759 | P341526 | E521736573 | 04/2320 | US 6,530,139 B1 | US 6,751,840 B2 | US 7,069,637 B2 | PCT/GB2008/050487 | 08290385 | 17411

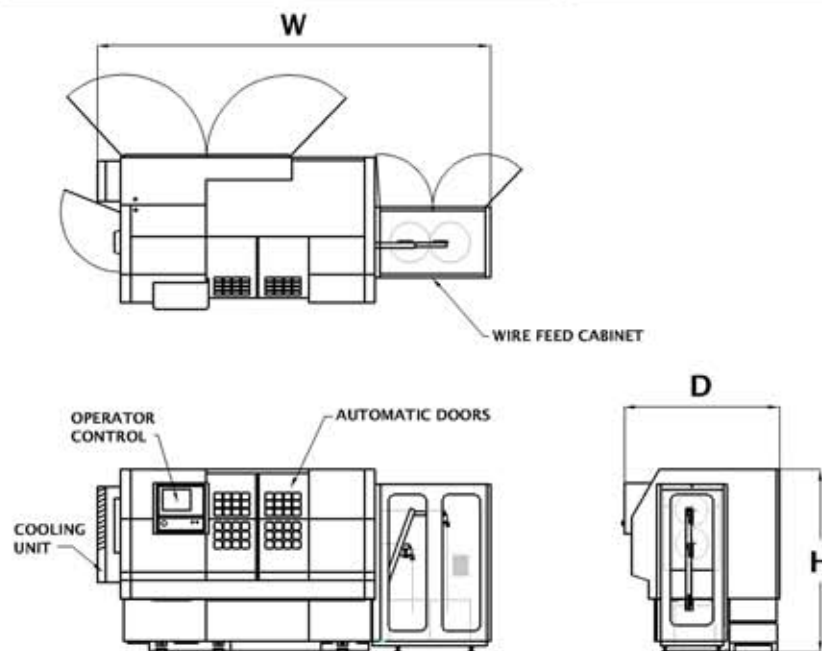
SPECIFICATIONS

** Furthest radial point of fitting from centre of I/D is 130mm. On one spindle only, a 160mm tee could be produced with a maximum fitting length of 350mm and furthest radial point from centre of I/D is 210mm. All capacities are dependent on the fitting design.*

typical fitting capacity	bottom spindle only	both spindles
sockets/couplers	20 to 225mm I/D	20 to 160mm I/D
elbows	20 to 110mm I/D	20 to 110mm I/D *
tees (equal)	20 to 110mm I/D	20 to 110mm I/D *
reducers	20 to 225mm I/D	20 to 160mm I/D

technical data

spindle speed	0 to 2000rpm		
cross slide travel (X-axis)	230mm		
horizontal slide travel (Z-axis)	750mm		
maximum fixture swing (bottom spindle only)	420mm		
maximum fixture swing (both spindles)	326mm		
maximum power consumption	35kW		
continuous spindle motor power	18kW		
weight	3000Kg	width (W)	3910mm
depth (D)	1550mm	height (H)	1825mm



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