

VWL 1200 wire laying



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

The **VWL 1200** is a vertical format, 3-axis, SIEMENS CNC controlled electrofusion wire laying machine, designed for the wire laying of **medium to large** fittings or pipe sections.



The VWL 1200 is equipped with software dedicated to producing fittings in the range 125 to 1200mm internal diameter. Lift assist equipment is available for the handling of heavy components.

Option available of 2-axis CNC Drilling Unit (to give 5-axes total). Unit can be used for drilling fusion indicators during wire laying cycle, or for drilling terminal holes during the external profiling cycle.

Couplers up to 710mm ID can be held using automatic clamping fixtures. Couplers up to 1200mm ID are held using manual end clamp fixtures using a clamping feature integral to the coupler design. Couplers from 450 to 710mm ID can also be clamped manually (subject to their design).

PROCESS & EQUIPMENT PROTECTED BY PATENTS: EP1042108 | E215874 | P18813732-8 | 2,312,374 | ZL98812630.3 | 215588 | 136,935 | 2000-526336 | 10-0616469 | 220759 | P341526 | E5217365773 | 04/2320 | US 6,530,139 B1 | US 6,751,840 B2 | US 7,069,637 B2 | PCT/GB2008/050487 | 08290385 | 57411 | P4527278

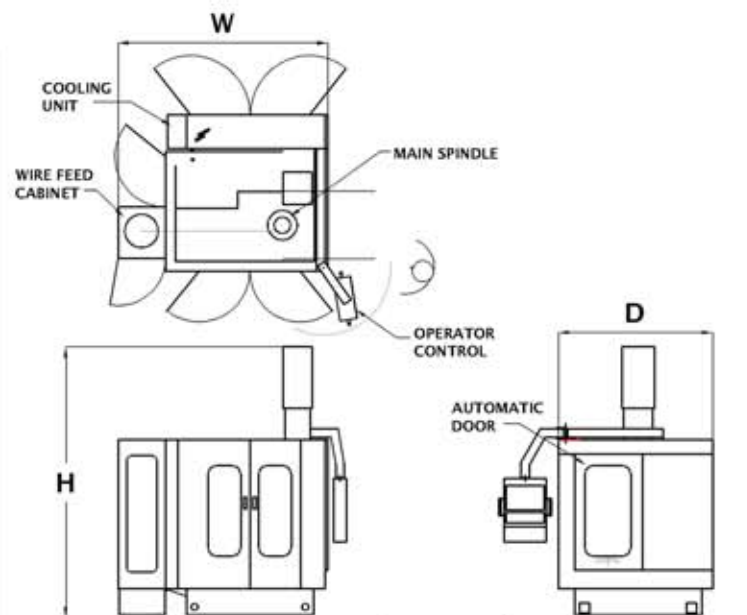
SPECIFICATIONS

typical fitting capacity (* larger parts could be produced, subject to component design)

sockets/couplers	180 to 1200mm I/D
elbows	125 to 400mm I/D*
tees (equal)	125 to 400mm I/D*
reducers	180 to 710mm I/D*

technical data

spindle speed	0 to 500rpm
cross slide travel (X-axis)	1300mm
vertical slide travel (Z-axis)	1000mm
maximum fixture swing	1700mm
maximum power consumption	70kW
continuous spindle motor power	37kW
width (W) height (H)	3400mm 4355mm
depth (D) weight	3390mm 12,000Kg



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