

PATENTED WIRE LAYING FOR ELECTROFUSION FITTINGS

VWL 710

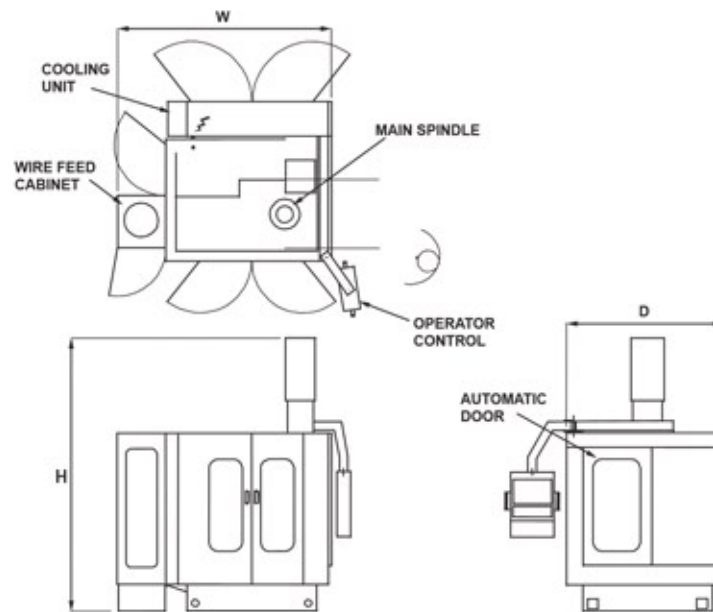




The **VWL 710** is a vertical format, 3-axis, CNC controlled electrofusion wire laying machine, designed for the wire laying of **medium to large** fittings or pipe sections.

The machine is equipped with software dedicated to producing fittings in the range **125 to 710mm** internal diameter. Lift assist equipment is available for the handling of heavy components.

A 2-axis CNC Drilling Unit is available as an optional extra (to give 5 axes in total). The unit can be used for drilling fusion indicators during the wire laying cycle, or for drilling terminal holes during the external profiling cycle.



SPECIFICATIONS

TYPICAL FITTING CAPACITY

Sockets/Couplers
180 to 900mm I/D*

Elbows
125 to 400mm I/D

Tees (Equal)
125 to 400mm I/D

Reducers
180 to 710mm I/D

* 450-900 couplers produced with manual end clamp fixtures, subject to part design. 450-710 couplers can also be produced with auto-clamp fixtures.

TECHNICAL DATA

Spindle Speed
0 to 700 rpm

Cross Slide Travel (X-axis)
1000mm

Vertical Slide Travel (Z-axis)
1000mm

Maximum Fixture Swing
1250mm

Maximum Power Consumption
60kW

Continuous Spindle Motor Power
30kW

Width (W) 2960mm

Height (H) 4380mm

Depth (D) 2500mm

Weight 7500Kg

PROCESS & EQUIPMENT PROTECTED BY PATENTS: EP1042108 | E215874 | P19813732-8 | 2,312,374 | ZL98812630.3 | 215588 | 136,935 | 2000-526336 | 10-0616469 | 220759 | P341526 | ES217365773 | 04/2320 | US 6,530,139 B1 | US 6,751,840 B2 | US 7,069,637 B2 | PCT/GB2008/050487 | 08290385 | 57411 | P4527278



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