

The image shows a large industrial machine, the VWL 400, used for wire laying. It features a complex arrangement of cables, a large circular flange with multiple holes, and various mechanical components. In the upper left, a coordinate system is marked with 'W+', 'W-', 'V+', and 'V-'. In the upper right, another coordinate system is marked with 'X+' and 'X-'. The machine is primarily black and silver, with a blue-tinted background.

VWL 400

Patented Wire Laying for Electrofusion Fittings

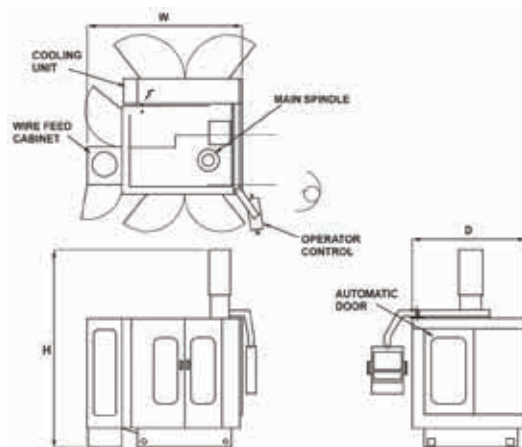




The VWL 400 is a vertical format, 3-axis, CNC controlled electrofusion wire laying machine, designed for the wire laying of medium to large fittings or pipe sections.

The machine is equipped with software dedicated to producing fittings in the range 125 to 400mm internal diameter. Smaller fittings (minimum diameter 63mm) can be produced as a special requirement.

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.



TYPICAL FITTING CAPACITY:

Sockets/Couplers	180 to 560mm ID*
Elbows	125 to 200mm ID
Tees (Equal)	125 to 200mm ID
Reducers	180 to 400mm ID

* 450-560 couplers produced with manual end clamp fixtures, subject to part design.

TECHNICAL DATA:

Spindle Speed	0 to 1000 rpm
Cross Slide Travel (X-axis)	430mm
Vertical Slide Travel (Z-axis)	620mm
Maximum Fixture Swing	750mm
Maximum Power Consumption	50kW
Continuous Spindle Motor Power	30kW
Width (W)	2600mm
Height (H)	3200mm
Depth (D)	2000mm
Weight	4500Kg

N.B. All specifications are an indication and may be subject to change - refer to detailed floor plans.

Process & Equipment protected by patents:

EP2177096B1, 57411, 202927 B, RU 2476753 B, 2632, TR200402320B, US 9,314,965 B2