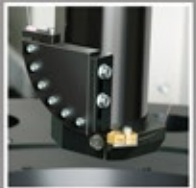


PATENTED WIRE LAYING FOR ELECTROFUSION FITTINGS

# VWL 710 / VWL 1200





## SPECIFICATIONS

### TYPICAL FITTING CAPACITY:

|                     | VWL 710      | VWL 1200                        |
|---------------------|--------------|---------------------------------|
| <b>Couplers</b>     | 180 to 900mm | 180 to 1200mm<br>(1400mm SDR17) |
| <b>Elbows</b>       | 125 to 400mm | 125 to 400mm                    |
| <b>Tees (Equal)</b> | 125 to 400mm | 125 to 400mm                    |
| <b>Reducers</b>     | 180 to 710mm | 180 to 710mm                    |

N.B. Larger elbows, tees, reducers (and special fittings) can be made by producing special bifilar couplers and fabricating on to spigot fittings. Capacities given are internal diameters and based on SDR11 unless stated otherwise.

### TECHNICAL DATA:

|                                       | VWL 710      | VWL 1200     |
|---------------------------------------|--------------|--------------|
| <b>Spindle Speed</b>                  | 0 to 700 rpm | 0 to 500 rpm |
| <b>Cross Slide Travel (X-axis)</b>    | 1000mm       | 1300mm       |
| <b>Vertical Slide Travel (Z-axis)</b> | 1000mm       | 1000mm       |
| <b>Maximum Fixture Swing</b>          | 1250mm       | 1700mm       |
| <b>Maximum Power Consumption</b>      | 60kW         | 70kW         |
| <b>Continuous Spindle Motor Power</b> | 30kW         | 37kW         |
| <b>Width (W)</b>                      | 3310mm       | 3800mm       |
| <b>Height (H)</b>                     | 4300mm       | 4400mm       |
| <b>Depth (D)</b>                      | 2710mm       | 3390mm       |
| <b>Weight</b>                         | 7,500Kg      | 12,000Kg     |

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

The **VWL 710** and **VWL 1200** are vertical format, 3-axis, CNC controlled electrofusion wire laying machines, designed for the wire laying of **medium to large** fittings or pipe sections. The machines are equipped with software dedicated to producing fittings in the range **125 to 900mm** internal diameter (VWL 710), and **125 to 1400mm** internal diameter (VWL 1200).

Lift assist equipment is available for the handling of heavy components. External profiling equipment is available for machining the outside diameters of specially extruded billets, as a separate operation prior to wire laying.

A 2-axis CNC Drilling Unit is available which can be used for drilling fusion indicators during the wire laying cycle, or for drilling terminal holes during the external profiling cycle.

