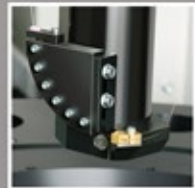
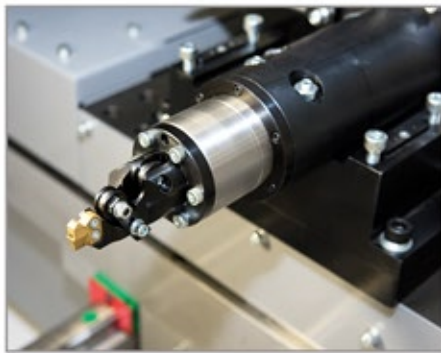


PATENTED WIRE LAYING FOR ELECTROFUSION FITTINGS

# HWL 225T





## SPECIFICATIONS

### TYPICAL FITTING CAPACITY

#### BOTTOM SPINDLE ONLY

**Couplers**  
20 to 225mm I/D  
(250mm with special fixture)

**Elbows**  
20 to 110mm I/D  
(125 to 160mm\* with special fixture)

**Tees (Equal)**  
20 to 110mm I/D  
(125 to 160mm\* with special fixture)

**Reducers**  
20 to 225mm I/D

**Special Bifilar Fittings** (e.g. Monolithic End Caps, Stub Flanges)  
32 to 225mm\*

**Electrofusion Pads** (for overmoulding into Saddle Bodies)  
50 x 50mm to 300 x 300mm (MAX)\* to suit outlet sizes 25mm to 180mm

\* All capacities are dependent on fitting design. 160mm Elbows/Tees subject to part design. Smaller capacity for Stub Flanges.

#### BOTH SPINDLES

**Couplers**  
20 to 160mm I/D

**Elbows**  
20 to 110mm I/D\*

**Tees (Equal)**  
20 to 110mm I/D\*

**Reducers**  
20 to 160mm I/D

**Special Bifilar Fittings** (e.g. Monolithic End Caps, Stub Flanges)  
32 to 160mm\*

**Electrofusion Pads** (for overmoulding into Saddle Bodies)  
50 x 50mm to 210 x 210mm (MAX)\* to suit outlet sizes 25mm to 125mm

### TECHNICAL DATA

**Spindle Speed** 0 to 2000 rpm

**Cross Slide Travel (X-axis)** 240mm

**Horizontal Slide Travel (Z-axis)** 650mm

**Maximum Fixture Swing (bottom spindle only)** Dia. 475mm

**Maximum Fixture Swing (both spindles)** Dia. 326mm

**Maximum Power Consumption** 35kW

**Continuous Spindle Motor Power** 18kW

**Width (W)** 4021mm **Height (H)** 1796mm

**Depth (D)** 1620mm **Weight** 3000Kg

- Specifications are subject to change

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 typical range of **20 to 225mm** internal diameter, and features two vertically mounted spindles. It can be operated with just one spindle (bottom only), or with two spindles producing the same component.

In addition, with specialist tooling, the machine can wire lay pads for overmoulding into saddle bodies (e.g. Tapping Tees and Branch Saddles), and special bifilar fittings (e.g. Monolithic End Caps and Stub Flanges).

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

