

# **BENJA** BUTT-WELDING MACHINE

## MODEL VWT 315 GL

### SPECIFICATIONS

Butt-welding machine with heater for pipes of tubing and mouldings made of polyethylene with outside diameters (OD) between 90-315 mm. At rated pressure (PN) between 3.2 and PN 16

- **The machine body** has a dual clamping device with quick-action lock, guide by two hydraulic cylinders, on the fixed and on the mobile side. Two flexible hoses with quick-action coupling connect the appliance to the hydraulic control unit. The dual clamping devices are screwed to the tubular-steel base. Dimension 50x50x80 cm. Weight: approx. 55 kg.
  - **The electric operated hydraulic control unit** which moves the right dual clamping device and precisely controls the jointing force, has a pressure-holding device for the cooling-down phase an adjustable timer, and two rapid-action couplings Dimension 25x30x60 cm. Weight: approx. 35 kg.
  - **The face cutter** (220V/1050W) is attached to the guide shafts. It is electrically powered by a chain drive protected by an all-enclosing aluminium case and automatically delivers chips to the outside. Weight: approx. 21 kg.
  - **The teflon-coated integrated heater** (220V/2500W), which is attached to the guides shafts, is digital PT100-controlled, With one output signal to LDU and an extension cable with earthing-contact plug. Weight: approx. 13 kg.
  - **For operating with small dimension**, the following clamping inserts, consisting of eight half shells per dimension are available: 90,110,125,140,160,180,200,225,250,280 mm. Weight: approx. 99 kg.
  - **To safely put down the hot heater and for attaching the face cutter**, an insulated case is available. Weight: approx. 17 kg.
  - **The stubend holder** Weight: approx. 7 kg.
- Weight of the machine body with all accessories: approx. 247 kg.



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