



# BUTT-WELDING MACHINE

## MODEL VWT 450 GL

### SPECIFICATIONS

Butt-welding machine with heater for pipes of tubing and moldings made of polyethylene with outside diameters (OD) between 200-450 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 65x75x135 cm. Weight: approx. 80 kg.
- **The electrically 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 28x33x53 cm. Weight: approx. 32 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 aluminum case and automatically delivers chips to the outside. Weight: approx. 47 kg.
- **The Teflon-coated integrated heater** (380V/4500W), which is attached to the guides shafts, is digital PT-100 controlled, equipped with solid state, an ON/OFF switch, and an extension cable with earthing-contact plug. Weight: approx. 20 kg.
- **For operating with small dimension**, the following clamping inserts, consisting of eight half shells per dimension are available: 200,225,250,280,315,355,400 mm. Weight: approx. 166 kg.
- **The box put down the heater and the face cutter**, an insulated case is available. Weight :approx. 15 kg.
- **The stub end holder** Weight: approx. 20 kg.

Weight of the machine body with all accessories: approx. 380 kg.



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