

# **BENJA** BUTT-WELDING MACHINE

## MODEL VWT 180 HM

### SPECIFICATIONS

Butt-welding machine with heater for pipes of tubing and mouldings made of polyethylene with outside diameters (OD) between 50-180 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 35x35x60 cm. Weight: approx. 23 kg.
- **The manual 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 20x20x50 cm. Weight: approx. 21 kg.
- **The face cutter** (220V/700W) 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. 7.5 kg.
- **The teflon-coated integrated heater** (220V/1200W), which is attached to the guides shafts, is thermostat-controlled, equipped with control lamps, an ON/OFF switch, and an extension cable with earthing-contact plug. Weight: approx. 4 kg.
- **For operating with small dimension**, the following clamping inserts, consisting of eight half shells per dimension are available: 50,63,75,90,110,125,140,160 mm. Weight: approx. 29 kg.
- **To safely put down the hot heater and for attaching the face cutter**, an insulated case is available. Weight: approx. 4.5 kg.
- **The stubend holder** Weight: approx. 2 kg.  
Weight of the machine body with all accessories: approx. 90 kg.



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**VB WELDING TECHNOLOGY CO.,LTD.**

1128/19-20 PRACHARAJSAI 1 ROAD  
KWAENG BANGSUE , KHEIT BANGSUE  
BANGKOK 10800. THAILAND

TEL: (+662) 556-1295-7 FAX: (+662) 556-1298