

# Manual butt-welding machines

ZHCB butt-welding machines serve for joining pipes made of PE, PP, PB, PVDF within the diameter range 50-1200mm. Machines are controlled manually and don't store welding parameters. ZHCB machines are characterised by their simple and light-weight construction. Machines are operated on the basis of table of welding parameters attached to the control panel if hydraulic unit. Timer and stop watch features are integrated into the regulator of temperature also located on the control panel. Newly designed hydraulic system allows for smooth adjustment of press force and max. retraction speed. New solution allowed to reduce the weight and dimensions of hydraulic unit by 25%.

## ZHCB-160



### TECHNICAL PARAMETERS

DIAMETER RANGE	50-160mm
OVERALL POWER	2570 W
OVERALL WEIGHT WITHOUT ADAPTORS	80 kg
POWER SUPPLY	230V, 50Hz

#### HEATING PLATE

##### PGEN-160

Power	1000 W
Weight	4 kg

#### TRIMMER

##### FRDN-160

Power	1200 W
Weight	11 kg

#### SUPPORT STAND

##### PNRN-160

Weight	4 kg
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#### HYDRAULIC UNIT

##### UHRB-160/400 v.2

Power	370 W
Pressure regulation range	0-100 bar
Weight	29 kg
Control	manual

#### BASE FRAMEWORK

##### UMSN-160

Weight	32 kg
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#### REDUCING ADAPTORS

Steel set of adaptors	50, 63, 75, 90, 110, 125, 140
Weight	22 kg
Aluminium set of adaptors	50, 63, 75, 90, 110, 125, 140
Weight	14 kg

### OPTIONAL EQUIPMENT

- Power generators FOGO FH 6001 R
- Hydraulic pipe squeezer for PE pipes ZHRN-160  $\varnothing 75 \times 160$  mm
- Internal debader OWWN
- Weld recorder RZEN-2000 (option to print on a thermal printer)
- Manual pipe squeezer for PE pipes ZRRN-90  $\varnothing 20 \times 90$  mm
- Transport box for the power pack
- Cleaning tissues Tangit
- Pipe cutters  $\varnothing 100 \times 160$  mm
- Pipe cutters  $\varnothing 50 \times 140$  mm
- Pipe cutters  $\varnothing 6 \times 76$  mm
- Pipe rollers PRRN-160
- Quick-montage protective tent 3m x 3m

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