

# 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-500



### TECHNICAL PARAMETERS

DIAMETER RANGE	250-500mm
OVERALL POWER	5450 W
OVERALL WEIGHT WITHOUT ADAPTORS	229 kg
POWER SUPPLY	230 or 400V, 50Hz

#### HEATING PLATE

##### PGEN-500

Power	3100 W
Weight	14 kg

#### TRIMMER

##### FRDN-500

Power	1100 W + reducer
Weight	36 kg

#### SUPPORT STAND

##### PNRN-500

Weight	14 kg
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#### HYDRAULIC UNIT

##### UHRB-500 V.2 or UHRB-500/630 V.2

Power	550 W
Pressure regulation range	0-160 bar
Weight	31 kg
Control	manual

#### BASE FRAMEWORK

##### UMSN-500

Weight	124 kg
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#### REDUCING ADAPTORS

Steel set of adaptors	-
Weight	-
Aluminium set of adaptors	250, 280, 315, 355, 400, 450
Weight	70 kg

### OPTIONAL EQUIPMENT

- Power generators FOGO FH 6001 R
- Weld recorder RZEN-2000  
(option to print on a thermal printer)
- Transport box for the power pack
- Cleaning tissues Tangit
- Pipe rollers PRRN-500
- Quick-montage protective tent 3m x 3m

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