

# 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-400

### TECHNICAL PARAMETERS

DIAMETER RANGE	110-400mm
OVERALL POWER	4770 W
OVERALL WEIGHT WITHOUT ADAPTORS	190 kg
POWER SUPPLY	230V, 50Hz

#### HEATING PLATE

##### PGEN-400

Power	3100 W
Weight	14 kg

#### TRIMMER

##### FRDN-400

Power	1200 W
Weight	36 kg

#### SUPPORT STAND

##### PNRN-400

Weight	14 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-400

Weight	96 kg
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#### REDUCING ADAPTORS

Steel set of adaptors	110, 125, 140, 160, 180, 200, 225, 250, 280, 315, 355
Weight	111 kg
Aluminium set of adaptors	110, 125, 140, 160, 180, 200, 225, 250, 280, 315, 355
Weight	55 kg

### OPTIONAL EQUIPMENT

- Power generators FOGO FH 6001 R
- Hydraulic pipe squeezer for PE pipes ZHRN-225 Ø110+225 mm
- Internal debader OWWN
- Weld recorder RZEN-2000  
(option to print on a thermal printer)
- Transport box for the power pack
- Cleaning tissues Tangit
- Pipe rollers PRRN-400
- Quick-montage protective tent 3m x 3m

**Nowatech Sp. z o.o.**

ul. Podstawie 10, 34-100 Wadowice

tel. +48 (33) 872 07 14 fax: +48 (33) 873 07 20

[www.nowatech.com.pl](http://www.nowatech.com.pl) ■ [nowatech@nowatech.com.pl](mailto:nowatech@nowatech.com.pl)

