

Semi-automatic butt-welding machines

Semi-automatic butt-welding machines ZHCN-E with registration of welding parameters serve for joining pipes made of PE, PP, PB, PVDF within diameter range 50-1200mm. All main components of the machine are controlled from the level of hydraulic unit UHEN-2,5 PLUS with integrated data logger. Machine software records the welding parameters, controls the operator and prevents from making errors (e.g. setting-up incorrect pressure value, starting the welding process before the plate reach required temperature, etc). ZHCN-E machines allow for partial automation of welding process.

ZHCN-250E



TECHNICAL PARAMETERS

DIAMETER RANGE	63-250mm
OVERALL POWER	3650 W
OVERALL WEIGHT WITHOUT ADAPTORS	116 kg
POWER SUPPLY	230V, 50Hz

HEATING PLATE

PGEN-250

Power	1900 W
Weight	6 kg

TRIMMER

FRDN-250

Power	1200 W
Weight	15 kg

SUPPORT STAND

PNRN-250

Weight	6 kg
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HYDRAULIC UNIT

UHEN-2,5 PLUS (160/400)

Power	550 W
Pressure regulation range	0-100 bar
Weight	48 kg
Control	semi-automatic
Memory	3000 welds

BASE FRAMEWORK

UMSN-250

Weight	41 kg
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REDUCING ADAPTORS

Steel set of adaptors	63, 75, 90, 110, 125, 140, 160, 180, 200, 225
Weight	68 kg
Aluminium set of adaptors	63, 75, 90, 110, 125, 140, 160, 180, 200, 225
Weight	28 kg

OPTIONAL EQUIPMENT

- Power generators FOGO FH 6001 R
- Hydraulic pipe squeezer for PE pipes ZHRN-160 Ø75÷160 mm
- Hydraulic pipe squeezer for PE pipes ZHRN-225 Ø119÷225 mm
- Internal debader OWWN
- Thermic printer
- Manual pipe squeezer for PE pipes ZRRN-90 Ø20÷90 mm
- Transport box for the power pack
- Cleaning tissues Tangit
- Pipe cutters Ø100÷160 mm
- Pipe cutters Ø50÷140 mm
- Pipe cutters Ø6÷76 mm
- Pipe rollers PRRN-250
- Quick-montage protective tent 3m x 3m

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