

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-315E



TECHNICAL PARAMETERS

DIAMETER RANGE	90-315mm
OVERALL POWER	3850 W
OVERALL WEIGHT WITHOUT ADAPTORS	129 kg
POWER SUPPLY	230V, 50Hz

HEATING PLATE

PGEN-315

Power	2100 W
Weight	8 kg

TRIMMER

FRDN-315

Power	1200 W
Weight	21 kg

SUPPORT STAND

PNRN-315

Weight	8 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-315

Weight	45 kg
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REDUCING ADAPTORS

Steel set of adaptors	90, 110, 125, 140, 160, 180, 200, 225, 250, 280
Weight	103 kg
Aluminium set of adaptors	90, 110, 125, 140, 160, 180, 200, 225, 250, 280
Weight	38 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 rollers PRRN-315
- Quick-montage protective tent 3m x 3m

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