

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-400E



TECHNICAL PARAMETERS

DIAMETER RANGE	110-400mm
OVERALL POWER	4950 W
OVERALL WEIGHT WITHOUT ADAPTORS	209 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

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-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-160 Ø75+160 mm
- Hydraulic pipe squeezer for PE pipes ZHRN-225 Ø119+225 mm
- Internal debader OWWN
- Thermic printer
- Transport box for the power pack
- Cleaning tissues Tangit
- Pipe cutters Ø100+160 mm
- Pipe cutters Ø50+140 mm
- Pipe rollers PRRN-400
- Quick-montage protective tent 3m x 3m

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