

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-160E



TECHNICAL PARAMETERS

DIAMETER RANGE	50-160mm
OVERALL POWER	2750 W
OVERALL WEIGHT WITHOUT ADAPTORS	99 kg
POWER SUPPLY	230V, 50Hz

HEATING PLATE

PGEN-160

Power	1000 W
Weight	4 kg

TRIMMER

FRDN-160

Power	1200 W
Weight	11 kg

SUPPORT STAND

PNRN-160

Weight	4 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-160

Weight	32 kg
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REDUCING ADAPTORS

Steel set of adaptors	50, 63, 75, 90, 110, 125, 140
Weight	22 kg
Aluminium set of adaptors	50, 63, 75, 90, 110, 125, 140
Weight	14 kg

OPTIONAL EQUIPMENT

- Power generators FOGO FH 4001 R
- Power generators FOGO FH 6001 R
- Hydraulic pipe squeezer for PE pipes ZHRN-160 $\varnothing 75 \times 160$ mm
- Internal debader OWWN
- Thermic printer
- Manual pipe squeezer for PE pipes ZRRN-90 $\varnothing 20 \times 90$ mm
- Transport box for the power pack
- Cleaning tissues Tangit
- Pipe cutters $\varnothing 100 \times 160$ mm
- Pipe cutters $\varnothing 50 \times 140$ mm
- Pipe cutters $\varnothing 6 \times 76$ mm
- Pipe rollers PRRN-160
- Quick-montage protective tent 3m x 3m

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