

# 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-1200E



### TECHNICAL PARAMETERS

DIAMETER RANGE	630-1200mm
OVERALL POWER	28900 W
OVERALL WEIGHT WITHOUT ADAPTORS	3015 kg
POWER SUPPLY	400V, 50Hz

### HEATING PLATE

#### PGEN-1200

Power	24500 W
Weight	128 kg

### TRIMMER

#### FRDN-1200

Power	2200 W + reducer
Weight	370 kg

### SUPPORT STAND

#### PNRN-1200

Weight	265 kg
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### HYDRAULIC UNIT

#### UHEN-10 PLUS (1000/1200)

Power	2200 W
Pressure regulation range	0-160 bar
Weight	75 kg
Control	semi-automatic
Memory	3000 welds

### BASE FRAMEWORK

#### UMSN-1200

Weight	2182 kg
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### REDUCING ADAPTORS

#### Steel set of adaptors

Weight	630, 710, 800, 900, 1000
Weight	1200 kg

### OPTIONAL EQUIPMENT

- Power generators FOGO FD40M
- Thermic printer
- Transport box for the power pack
- Cleaning tissues Tangit
- Pipe rollers PRRN-1200

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