

# 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-630E

### TECHNICAL PARAMETERS

|                                 |            |
|---------------------------------|------------|
| DIAMETER RANGE                  | 315-630mm  |
| OVERALL POWER                   | 8650 W     |
| OVERALL WEIGHT WITHOUT ADAPTORS | 720 kg     |
| POWER SUPPLY                    | 400V, 50Hz |

#### HEATING PLATE

##### PGEN-630

|        |        |
|--------|--------|
| Power  | 6800 W |
| Weight | 31 kg  |

#### TRIMMER

##### FRDN-630

|        |                  |
|--------|------------------|
| Power  | 1100 W + reducer |
| Weight | 98 kg            |

#### SUPPORT STAND

##### PNRN-630

|        |       |
|--------|-------|
| Weight | 67 kg |
|--------|-------|

#### HYDRAULIC UNIT

##### UHEN-2,5 PLUS (500R/630/800)

|                           |                |
|---------------------------|----------------|
| Power                     | 750 W          |
| Pressure regulation range | 0-160 bar      |
| Weight                    | 50 kg          |
| Control                   | semi-automatic |
| Memory                    | 3000 welds     |

#### BASE FRAMEWORK

##### UMSN-630

|        |        |
|--------|--------|
| Weight | 284 kg |
|--------|--------|

#### REDUCING ADAPTORS

|                           |                              |
|---------------------------|------------------------------|
| Aluminium set of adaptors | 315, 355, 400, 450, 500, 560 |
| Weight                    | 180 kg                       |

### OPTIONAL EQUIPMENT

- Power generators FOGO FV15000TRE
- Thermic printer
- Transport box for the power pack
- Cleaning tissues Tangit
- Pipe rollers PRRN-630
- Quick-montage protective tent 3m x 3m

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