

# therm-RP-Series



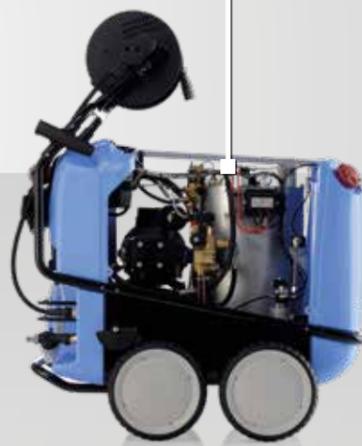
**ACCESSORY STORAGE**  
neat storage for high pressure gun and lances

**CONVENIENT INTEGRATED HOSE REEL (VARIANT)**  
space-saving storage of the high-pressure hose with twist stop screw connection

**DIGITAL CONTROL PANEL**  
digital temperature regulation with 2 different operation modes

**REMOVABLE COVERS**  
convenient and easy service access

**VISUAL FLAME MONITORING AND OVERHEATING PROTECTION**  
(on page 59)



therm-RP 1000 T | 638212

► **ACCESSORIES** | page 78-99



### EQUIPMENT

- Quick release plug-in system D12
- Kränzle in-line RP pump
- Total-stop system with delayed motor cut-off
- Safety shutdown
- Pressure regulation
- Cleaning Agent Intake
- Locking brake
- Water tank: Volume 12 liters
- Optional: Stainless steel heating coil

### EQUIPMENT HOT WATER

- Digital thermostat
- Flow monitor
- Combustion chamber pre-ventilation
- Visual flame monitoring
- Overheating protection (exhaust temperature in excess of 260 °C)
- Burner stops when there is a lack of heating oil
- Operating hours meter
- Fuel tank: 35 liters



42280

### VARIANT - NON-MARKING

|   |         |              |
|---|---------|--------------|
| <b>NOM conversion kit</b><br>Version without drum | Ord.no. | <b>42280</b> |
| <b>NOM conversion kit</b><br>Version with drum    | Ord.no. | <b>42281</b> |

For further information on NON-Marking please refer to page 79

| MODEL  | therm-RP 1000<br>therm-RP 1000 T | therm-RP 1200<br>therm-RP 1200 T | therm-RP 1400<br>therm-RP 1400 T | therm-RP 1600<br>therm-RP 1600 T |
|--|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Ord.no. without hose drum  | <b>638202</b>                    | <b>638402</b>                    | <b>638600</b>                    | <b>638800</b>                    |
| Ord.no. incl. hose drum  | <b>638212</b>                    | <b>638412</b>                    | <b>638610</b>                    | <b>638810</b>                    |
| Ord.no. without hose drum<br>► with stainless steel heating coil | <b>638252</b>                    | <b>638452</b>                    | <b>638650</b>                    | <b>638850</b>                    |
| Ord.no. incl. hose drum<br>► with stainless steel heating coil   | <b>638262</b>                    | <b>638462</b>                    | <b>638660</b>                    | <b>638860</b>                    |

### TECHNICAL SPECIFICATIONS

|   |                |                     |                     |                     |                     |
|---|----------------|---------------------|---------------------|---------------------|---------------------|
| Operating pressure                        | bar   MPa      | 70-200   7-20       | 70-190   7-19       | 70-170   7-17       | 70-150   7-15       |
| Water output                              | l/min   l/h    | 16.6   1000         | 20   1200           | 23.3   1400         | 26.7   1600         |
| Admissible overpressure                   | bar   MPa      | 220   22            | 210   21            | 190   19            | 170   17            |
| Motor speed                               | Rpm            | 1400                | 1400                | 1400                | 1400                |
| Connection                                | V   ~   Hz   A | 400   3   50   12.5 | 400   3   50   13.5 | 400   3   50   14.3 | 400   3   50   14.3 |
| Power intake   Power output               | kW             | 7.5   5.5           | 7.5   5.5           | 8.0   6.3           | 8.0   6.3           |
| Power supply cable                        | m              | 7.5                 | 7.5                 | 7.5                 | 7.5                 |
| Plug                                      |                | <b>NEW</b> CEE 16 A | <b>NEW</b> CEE 16 A | CEE 32 A            | CEE 32 A            |
| Dimensions L x W x H<br>without hose drum | mm             | 1050   800   1015   | 1050   800   1015   | 1050   800   1015   | 1050   800   1015   |
| Dimensions L x W x H<br>incl. hose drum   | mm             | 1050   800   1300   | 1050   800   1300   | 1050   800   1300   | 1050   800   1300   |
| Weight<br>without   incl. hose drum       | kg             | 210   218           | 210   218           | 210   218           | 210   218           |

### TECHNICAL DATA HOT WATER

|   |            |           |           |           |           |
|---|------------|-----------|-----------|-----------|-----------|
| Hot water output                          | °C         | 12-80     | 12-80     | 12-80     | 12-80     |
| Steam level                               | °C         | 140       | 140       | 140       | 140       |
| Oil consumption<br>at max. heating output | kg/h   l/h | 6.0   7.0 | 7.7   9.2 | 7.7   9.2 | 7.7   9.2 |
| Heating oil consumption ΔT 45°            | kg/h   l/h | 5.6   6.6 | 5.6   6.6 | 5.6   6.6 | 5.6   6.6 |
| Heating output                            | kW         | 65        | 84        | 84        | 84        |

### EQUIPMENT

|   |                  |                   |                    |                   |                   |
|---|------------------|-------------------|--------------------|-------------------|-------------------|
| High-pressure hose<br>without hose drum | m   Ord.no.      | 10 (DN8)   41081  | 10 (DN8)   41081   | 10 (DN8)   41081  | 10 (DN8)   41081  |
| High-pressure hose<br>incl. hose drum   | m   Ord.no.      | 20 (DN8)   443812 | 20 (DN8)   443812  | 20 (DN8)   443812 | 20 (DN8)   443812 |
| Trigger gun with safety catch           | Model   Ord.no.  | Starlet 3   12500 | Starlet 3   12500  | Starlet 3   12500 | Starlet 3   12500 |
| Lance with flat-jet nozzle              | Nozzle   Ord.no. | 05   12420-D2505  | 065   12420-D25065 | 08   12420-D2508  | 11   12420-D2511  |
| Water inlet filter                      | Ord.no.          | 13310             | 13310              | 13310             | 13310             |