

therm-1-Series



ACCESSORY STORAGE
neat storage for high pressure gun and lances

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

REMOVABLE COVERS
convenient and easy service access

DIGITAL CONTROL PANEL
digital temperature regulation with 2 different operation modes

VISUAL FLAME MONITORING AND OVERHEATING PROTECTION
(on page 51)



therm 895-1 | 634410

► **ACCESSORIES** | starting on page 70



EQUIPMENT

Quick release plug-in system D12

- Kränzle axial pump
- Total-stop system with delayed motor cut-off
- Safety shutdown
- Stepless pressure regulation
- Cleaning Agent Intake
- Locking brake
- Direct suction (therm 895-1, therm 1165-1): Suction height 2.5 m
- Water tank: Volume 12 liters

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



VARIANT - NON-MARKING

NOM conversion kit Version without drum	Ord.no.	42280
NOM conversion kit Version with drum	Ord.no.	42281



42280

For further information on NON-Marking please refer to page 69

MODEL	therm 635-1	therm 875-1	therm 895-1	therm 1165-1
Ord.no. without hose drum	634000	634200	634400	634600
Ord.no. incl. hose drum	634010	634210	634410	634610

TECHNICAL SPECIFICATIONS

Operating pressure	bar MPa	30-130 3-13	30-175 3-17.5	30-195 3-19.5	30-165 3-16.5
Water output	l/min l/h	10.6 635	14.6 875	14.9 895	19.4 1165
Admissible overpressure	bar MPa	145 14.5	190 19	215 21.5	180 18
Motor speed	Rpm	1400	1400	1400	1400
Connection	V ~ Hz A	230 1 50 13	400 3 50 8.7	400 3 50 12	400 3 50 12
Power intake Power output	kW	3.4 2.3	4.8 4.0	6.4 5.0	6.4 5.0
Power supply cable	m	5	7.5	7.5	7.5
Dimensions L x W x H without hose drum	mm	1050 800 1015	1050 800 1015	1050 800 1015	1050 800 1015
Dimensions L x W x H incl. hose drum	mm	1050 800 1300	1050 800 1300	1050 800 1300	1050 800 1300
Weight without incl. hose drum	kg	197 205	197 205	214 222	214 222

TECHNICAL DATA HOT WATER

Hot water output	°C	12-89	12-87	12-86	12-82
Steam level	°C	145	155	155	155
Oil consumption at max. heating output	kg/h l/h	5.1 6.1	5.8 6.8	6.0 7.1	7.1 8.5
Heating oil consumption ΔT 45°	kg/h l/h	3.2 3.8	4.2 5.0	4.3 5.1	5.6 6.6
Heating output	kW	55	60	65	78

EQUIPMENT

High-pressure hose without hose drum	m Ord.no.	10 (DN8) 41081	10 (DN8) 41081	10 (DN8) 41081	10 (DN8) 41081
High-pressure hose 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.	● 045 12420-D25045	● 045 12420-D25045	● 045 12420-D25045	● 07 12420-D2507
Water inlet filter	Ord.no.	13310	13310	13310	13310