

Langlebig

Robust

Wartungsfreundlich

FRANK®



frank-hdr.de

High pressure cleaner

*oil-heated,
electrically-heated*

MADE IN GERMANY



► **Capacity variations**
oil-heated

115 bar – 700 l / h
180 bar – 900 l / h
210 bar – 1.020 l / h
240 bar – 1.020 l / h
150 bar – 1.400 l / h

electrically-heated

180 bar – 700 l / h

► **TCC - Telecontrol**

No pressure peaks or jerks during operation, resulting in easy use and maximum operational safety. The ergonomically designed spray gun is easy to handle and requires minimal operating force.

Cleaning programs can be selected directly on the spray gun.

High operational safety is achieved due to smooth starting and stopping processes and automatic pressure relief after switching off.



TCC: Electronic remote control on the spray gun for 3 programs: "COLD", "HOT", "HOT WITH DETERGENT"

DMP: Pressure switch control VARIO STOP with cut-off delay, high pressure stage and steam stage.

TS: Total-Stop Control

www.frank-hdr.de

Our engineers have developed high quality, hot water high pressure cleaners for a great variety of applications. The entire life of this product line is characterized by advanced technology meeting international standards. FRANK produces only the highest quality pressure cleaners – each coming with our stamp of quality assurance. Quality components and fittings ensure a trouble-free operation. Service friendliness is an essential feature of FRANK high pressure cleaners.



Oil-heated



Electrically heated

FRANK® - Triple-plunger high pressure pump

The pump and motor form a unit block and are equipped with highly wear-resistant solid ceramic plungers. This durable pump operates quietly.

FRANK® - High performance water heater

Consists of a solid heating coil made of thick wall of precision steel and is equipped with the FRANK oil atomizer burner. The optimal flow of combustion gases ensures an environmentally clean combustion and high efficiency.

FRANK® - Oil atomizer burner

A compact unit utilizing an integrated oil preheater and its own motor.

FRANK® - Dual-Telecontrol

Reducing the consumption of cleaning detergents by 1/3!

The Dual 2-Phase technique offers decisive advantages due to the remote controlled program selection of the operating stages low-pressure pre-spray and high pressure.

The hot, low-pressure spray jet, together with a highly concentrated detergent, achieves maximum washing efficiency. The optimally dissolved dirt particles are removed by the powerful high pressure jet. Unused cleaning detergent is not wasted. Additional pre-spraying equipment is not necessary.

FRANK® - FHE electrically-heated

The water is heated up to 70° C in the stainless steel tank with electrical heating elements and is supplied directly to the high pressure pump.

- ▶ **Dual-Telecontrol**
- ▶ **Increasing the cleaning effect by tenfold!**
- ▶ **Pre-spraying, hot**
10 bar, 3 l/min., max. 70°C
- ▶ **High pressure, cold**
Without detergent • 210 bar • 17 l/min.
- ▶ **High pressure, hot**
210 bar • 17 l/min.



Technical data and equipment

Series Type	Operating pressure max. (bar)	Volume flow max. (l/h)	Operating temperature max. (°C)	Mains connection (V-50Hz)	Nominal consumption (kW)	Heating capacity (kW)	Fuel oil consumption (kg/h-h) at 60 °C	Mechanical spray gun	Telecontrol spray gun	Triple-plunger pump	10 m high pressure hose, spray gun and lance	8 m high pressure hose, spray gun and lance	Weight (kg)	Dimensions LxWxH (mm)
Oil-heated														
FH 711 TS	115	700	100	230/1	2,9	65	3,4 / 4,1	•		•		•	165	1245 x 650 x 845
FH 918 TS	180	900	100	400/3	5,3	65	4,4/5,3	•		•		•	170	
FH 1021 TS	210	1020	100	400/3	7,3	65	5,0 / 6,0	•		•		•	180	
FH 711 DMP	115	700	150	230/1	2,9	65	3,4 / 4,1	•		•	•		165	
FH 711 TCC	115	700	150	230/1	2,9	65	3,4 / 4,1		•	•	•		165	
FH 918 DMP	180	900	150	400/3	5,3	65	4,4 / 5,3	•		•	•		170	
FH 918 TCC	180	900	150	400/3	5,3	65	4,4 / 5,3		•	•	•		170	
FH 1021 DMP	210	1020	150	400/3	7,3	65	5,0 / 6,0	•		•	•		180	
FH 1021 TCC	210	1020	150	400/3	7,3	65	5,0 / 6,0		•	•	•		180	
FH 1021 DUAL	210	1020	150	400/3	7,3	65	5,0 / 6,0			•	•	•	180	
FH 1024 DMP	240	1020	150	400/3	7,5	80	5,0 / 6,0	•		•	•		183	
FH 1024 TCC	240	1020	150	400/3	7,5	80	5,0 / 6,0		•	•	•		183	
FH 1415 DMP	150	1400	150	400/3	7,5	80	6,9 / 8,3	•		•	•		183	
FH 1415 TCC	150	1400	150	400/3	7,5	80	6,9 / 8,3		•	•	•		183	
Electrically-heated														
FHE 718 MP	180	700	70	400/3	23	18			•	•	•		120	
FHE 718 TCC	180	700	70	400/3	23	18			•	•	•		120	

Total-Stop
 START/STOP by means of Pressostat system "VARIO STOP" via mechanical spray gun
 DMP ▲▲ Telecontrol with program selection on the spray gun, start without pressure, automatic pressure discharge when the machine stops
 TCC ▲▲ Telecontrol - Remote control with program selection on the spray gun, start without pressure, automatic pressure discharge when the machine stops
 DUAL ▲▲ Dual-Telecontrol - Two-phase technique

FRANK®



▶ frank-hdr.de

Frank Hochdruck- & Dampftechnologie GmbH
 Bochumer Straße 15
 D-57234 Wilnsdorf, Germany

Fon +49 (0) 2739-47993.0
 E-Mail: info@frank-hdr.de
www.frank-hdr.de