



CLEENTEK®

produced by HESZ



Industrial Cleaning Equipment

www.cleentek.com

Frontloader

DF-series

IDEAS FOR
CLEANING*

COMPACT DESIGN AND ROBUST SIMPLICITY



The frontloader – also called the DF-series – is available in a variety of versions to form its own family in the Cleentek range. The machines have a vertical front door, and the machine cleans components through use of an efficient rotating wash system. The DF-series is specially designed for the cleaning of large components with weights of up to 2000 kg. and lengths of up to 2000 mm.



DF1300 with transport trolley.



The DF-series is simple and robustly constructed and it is suitable for parts up to 2000 kg



DF 1300 with load platform.



Rotating spray boom from above and rotating spraybar from below.

Operation of the machine

The parts to be cleaned are sprayed with a high flow via the spray bars, which are rotated either by spray pressure or a mechanical drive. The spray bars are mounted with flat pattern nozzles, which provide efficient cleaning results.

The machines are fully insulated with stainless steel panels, and therefore the wash water can be heated up to 90°C. Normal working temperature is from 50 - 65°C.

Design and user-friendliness

The DF-series machines have a compact and

simple design. Operation of the machine is via the very easy-to-use Vision 2000/3000 touch control panel. We have focused on ensuring that no special skills are required to use the machine. Therefore, the control panel on the front of the machine is just as simple as the rest of the machine's design.

Equipment

The DF machines are equipped with Vision 2000/3000 control. In practice this means that the control panel consists of a practical soft touch panel with a digital display. The Vision control enables to regulate the temperature and the process times for the

wash programme, which can be interrupted at any time and then restarted as required. You can also read possible error messages from the machine via the digital display.

In order to specify the machine so that is suited to your application, you can choose from a wide variety of optional extra equipment. See the list on page 20.

Frontloader models

MODEL	DF 700	DF 1000	DF 1300	DF 1600	DF 2000
Cleaning area	Ø700 mm	Ø1000 mm	Ø1300 mm	Ø1600 mm	Ø2000 mm
Cleaning height	450 mm	700 mm	1050 mm	1200 mm	1400 mm
Load height	940 mm	850 mm	940 mm	940 mm	975 mm
Machine width	1020 mm	1410 mm	1690 mm	2090 mm	2400 mm
Machine length	1260 mm	1650 mm	1920 mm	2320 mm	2800 mm
Machine height - Open	2300 mm	2630 mm	3550 mm	3850 mm	4300 mm
Machine weight	300 kg	500 kg	750 kg	1475 kg	1850 kg
Max. load	300 kg	500 kg	500 kg	1000 kg	2000 kg
Tank capacity	200 l	500 l	600 l	950 l	1500 l
Temperature	30 > 90°C	30 > 90°C	30 > 90°C	30 > 90°C	30 > 90°C
Pump	NM 25/160	AE NM 25/20	AE NM 40/16	AE NM 40/20	BE NM 40/20 AE
Pump capacity	160 l/min.	220 l/min.	350 l/min.	550 l/min.	700 l/min.
Pressure / Amount of A-nozzels	3 bar / 40 pcs.	4,5 bar / 46 pcs.	4 bar / 72 pcs.	4 bar / 80 pcs.	4 bar / 104 pcs.
Heating	9 kw	9 kw	18 kw	27 kw	36 kw

**The models are also available in double width*

Options:

Put the optimum solution together

IDEAS FOR
CLEANING*

Extra equipment for the *Compo and Drum Cleaner™*

We can offer the following extra equipment for the *Compo and Drum Cleaner™*:

- Inlet / outlet conveyor lanes customized as needed
- Conveyor belts: Stainless steel or plastic belt
- Conveyor system with carrier to suit the shape of the components
- Automated control of the conveyor belt via indexing or photocell
- Various washing baskets and fixtures
- Filtration system
- Oil skimmer / oil separator
- Extraction fan
- Steam condenser
- Chemical dosing
- Discharge pump

Extra equipment for front loader and top loader

For the remaining washing equipment in our range, the following options are available:

- 7-day timer, for heating and / or oil skimmer
- Compressed air blow off after washing
- Drying
- Discharge pump
- Oil skimmer
- Extraction fan / steam condenser to remove water vapour
- Motor drive on basket, for uniform rotation - Top loader
- Motor driven square washing system - Front loader
- Pressure filter for effective filtration of the liquid
- Automatic chemical dosing and water filling
- Transport trolley with drip tray
- Load platform with drip tray
- Various baskets and fixtures
- Cleaning chemicals



Steam condenser.



Double type 2 - pressure filter.



Inspection window.



Chemical dosing.



Ventilator/Extraction, stainless HL 10.



Oil separator, type: Cobra



Oil skimmer - disc.



Oil skimmer - belt.



Oil separator, Type: SEPP P2 integrated.

For further information about extra equipment for the different machines - please contact Cleentek. We will assist you by offering the best solution for your individual application.

Options:

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Baskets & Fixtures

Cleentek can also offer many different types of wash baskets and fixtures, which may be necessary for cleaning small or light components. We have a wide range of standard solutions. Please contact us for further information.



Cleaning solutions

We can also provide a large selection of different cleaning solutions for use in our machines. Please contact us for advice on our various products - we will help you make the right choice.



Type 2 - pressure filter



Cartridge filter 10"



Pressure activated detection system



Hopper feed for small parts.



Turn table..



Magnetic filtration.



Manual washing gun.



Oil separator, type: SEPP P1.



Extraction fan HL-14.

Cleentek has manufactured cleaning systems for the following different industry sectors

- Automotive
- Plastic
- Metal
- Aviation/Aerospace
- Chemical
- Medical
- Military
- Optical
- Electronic
- Hydraulic
- Energy
- Marine
- Wind
- Remanufacturing
- Off-shore
- Hospital
- Printing
- Timber

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Designed with purpose

Cleentek is always looking for innovations to improve the solutions we offer our customers. However, we introduce new ideas carefully, in line with strict testing procedures and our philosophy of producing ergonomic and simple equipment.

For us design also means user-friendliness and quality, something that ensures reliability every day, all year round without harming the environment.



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