



# CLEENTEK®

produced by HESZ



Industrial Cleaning Equipment


[www.cleentek.com](http://www.cleentek.com)

# Drum washer

# Drum Cleener™

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## Modular drum washer

 The *Drum Cleener™* series is a drum washing system for degreasing smaller items. It is manufactured in modules, specified to suit customers requirements. The standard system, consist of washing, rinsing and drying modules, but can be expanded with several washing, rinsing, blowing and drying modules as needed.



DC 1025 wash/rinse/dry.



DC1040 - wash, rinse og dry.



Easy access to drum.

### Drum Cleener™ standard

As standard, the *Drum Cleener™* is fully insulated and designed with easy access to internal parts via the gas-sprung doors. Parts are loaded manually or automatically from the production line. The *Drum Cleener™* is equipped with Siemens PLC and HMI touch screen.

### Product Features

- Washing, rinsing, blowing, passivating, demi-rinsing and drying zones of your choice.
- Stainless insulation panels.
- Possibility of several types of stainless drums.
- Stainless acid resistant heaters.
- Stainless spray bars with stainless nozzles.
- Easily accessible stainless chip filters.
- Control of drum speed.
- Siemens PLC and touch screen.
- Stainless steel cabinet.
- Stainless pumps.

### Ekstra equipment

*Drum Cleener™* can be fitted with optional extra equipment, so that it is customised to suit the application. *Drum Cleener™* can be connected directly to the production line or robot cell, so that it is only in operation when there are items for washing.



The drum, seen from the inside.



The drum rotates via chain drive.

## Drum Cleener™ models

MODEL	DC 1025	DC 1040	DC 1050	DC 1060
Cleaning diameter	Ø250 mm	Ø400 mm	Ø500 mm	Ø600 mm
Cartridge filter 10"	400 µ	400 µ	400 µ	400 µ
Inlet- and outlet height	1120 / 750 mm	1120 / 750 mm	1120 / 750 mm	1120 / 750 mm
Machine width	1150 mm	1300 mm	1400 mm	1500 mm
Machine length - WNRD	2950 mm	2950 mm	2950 mm	2950 mm
Machine height	2100 mm	2100 mm	2100 mm	2100 mm
Drum speed	2-8 rpm	2-8 rpm	2-8 rpm	2-8 rpm
Tank capacity - wash / rinse	235 / 235 l	235 / 235 l	235 / 235 l	235 / 235 l
Wash pump - Stainless (standard)	CDX 200/20	CDX 200/20	CDX 200/20	CDX 200/20
Rinse pump - Stainless (standard)	CDX 120/12	CDX 120/12	CDX 120/12	CDX 120/12
Temperature	30 > 75°C	30 > 75°C	30 > 75°C	30 > 75°C
Pump capacity	60 - 210 l/min.	60 - 210 l/min.	60 - 210 l/min.	60 - 210 l/min.
Pressure/Amount of B-nozzels - wash/rinse	2 bar / 22 / 9 pcs.	2 bar / 22 / 9 pcs.	2 bar / 23 / 12 pcs.	2 bar / 32 / 12 pcs.
Heating - wash / rinse	9 / 9 kw	9 / 9 kw	9 / 9 kw	9 / 9 kw
Drying temperature	20 > 110°C	20 > 110°C	20 > 110°C	20 > 110°C

# Options:

## Put the optimum solution together

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### Extra equipment for the *Compo and Drum Cleener™*

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

- 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.



Oil separator, Type: SEPP P2 integrated.



Ventilator/Extraction, stainless HL 10.



Oil separator, type: Cobra



Oil skimmer - disc.



Oil skimmer - belt.

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

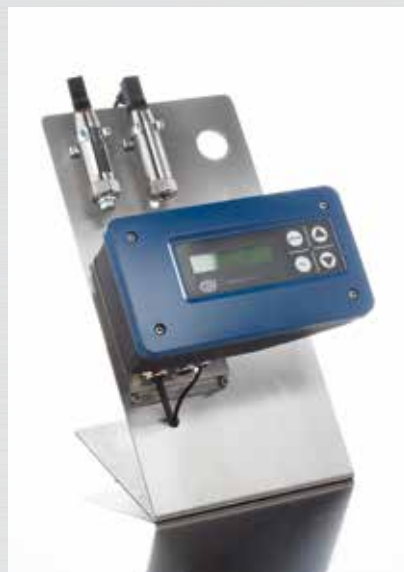
We can also provide a large selection of different cleaning solutions for use in our machines. Please contact us for advice on our various products - we will help you make the right choice.



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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