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# CLEANFEX CREATES IMPETUS

The innovative, highly efficient  
washer extractor with barrier  
wall technology.

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**SEIBT+KAPP**



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## A THOROUGHLY CLEAN AFFAIR.

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Whether in terms of performance, price or engineering, Seibt + Kapp's quality products are always a reliable choice. We can look back on over 80 years of tradition, especially with regard to innovative technology that delivers a high level of availability.

What began with Edwin Seibt and Erich Kapp in 1928 has developed into a success story, and we continue to refine our business in line with our customers' requirements. Today, you will still find this innovative strength reflected in our machines – combined with our indispensable attention to detail, giving you lasting certainty that everything will run like clockwork.

### THIS RESULTS IN MACHINES THAT

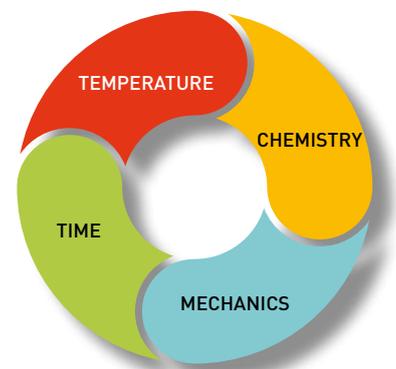
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- operate with excellent resource-efficiency.
- further optimise consumption figures with optional recovery tanks.
- allow a versatile range of configurations with manual control.
- can be programmed individually.
- deliver outstanding washing results thanks to the drum's optimum diameter-to-length ratio.

The design, the electronic controller, the washing process, the recovery systems or the weighing facility – we combine every element of commercial laundry engineering with the latest technology to achieve low consumption figures and high efficiency in operation. By choosing Seibt + Kapp, you are also opting for products with optimum credentials in terms of the environment and sustainability.

# REFRESHINGLY DIFFERENT: CLEANFEX WITH INNOVATIVE WASHING TECHNOLOGY

The highly efficient Cleanfex series sets new standards in terms of professional textile care. These washing processes are fundamentally governed by the relationships between the four factors influencing a washing process, as Herbert Sinner described in his "circle".



With the Cleanfex, each of these factors is translated into an intelligent parameter, and these parameters can be combined to form a highly efficient whole.

## AREAS OF USE

- Textile care facilities
- Hospitals
- Old people's homes
- Prisons
- Workshops for people with disabilities
- Clean room facilities
- Industrial cleaning facilities
- The pharmaceutical industry
- The plastics industry



Cleanfex models 20-180



EcoPower process



Fully electronic controller



Wet cleaning



Barrier wall technology

# CLEANFEX

## 66 | 90 | 110 | 140 | 180

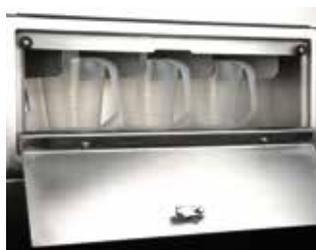
### CONSTRUCTION

- With barrier wall technology.
- ActiveDrum with optimised cylinder holes for textile-friendly processing and minimum consumption of water and service supplies.
- All machine parts that come into contact with the laundry and water are made of type 1.4301 stainless steel or high-quality non-rusting materials.
- Outer housing made of type 1.4301 stainless steel.
- Large fresh water and drainage valves for minimum water intake/draining times.
- Fast acceleration and short braking time during intermediate and final extraction.
- Large loading and unloading doors with safety locking mechanisms.
- Stainless-steel dosing system with three removable plastic containers for liquid and powder detergents and auxiliary washing products, as well as dosing via an automatic pump-operated system.

### CONTROLLER

- Fully electronic, freely programmable controller.
- Colour touchscreen.
- Creation, editing and deletion of washing programmes directly on the screen.
- Creation, editing, deletion and archiving of washing programmes on a PC/laptop using the programming software supplied as standard.

- IFR. Intelligent liquor level regulation reliably prevents deviation from the programmed liquor ratio, e.g. due to steam heating or rinsing of the service supply hoses.
- Electronic monitoring ensures inner and outer door locks are operating correctly.
- LPC. Load weight detection via weighing system and evaluation incorporated into the process controller for the washing programmes. As a result, fresh or recovered water is always added precisely and service supplies are dosed according to weight.
- Load weight is defined via a weighing system for moist and wet textiles at the start of the programme.
- IMC. The washing programme includes defined target drainage values after final extraction, ensuring consistent washing quality.
- BDE. All relevant operating data, such as the load weight, length of washing programme, amount of water and energy and dosage volumes, are logged together with fault indications and process interruptions. These are assigned to a customer number along with the date and the washing programme number. This data can be displayed or transferred to an IT system provided by the customer.
- Special programmes, e.g. for correct processing of mopping pads, door mats, PPE, protective clothing.
- Special washing processes for sensitive textiles and wet cleaning.



CLEANFEX	66	90	110	140	180
Sizes	66 kg	90 kg	110 kg	140 kg	180 kg
Drum volumes	675 l	900 l	1100 l	1400 l	1800 l
Drum compartments	2/3	2/3	2/3	2/3	2/3
Max. programmable g-factor	360	360	360	360	360

# CLEANFEX – EFFICIENT, CLEAN AND GENTLE



THE ECOPOWER  
PROCESS

- Especially economical and fast washing programmes.
- Higher hourly output.
- Suitable for laundry with light to medium soiling or for special processes.

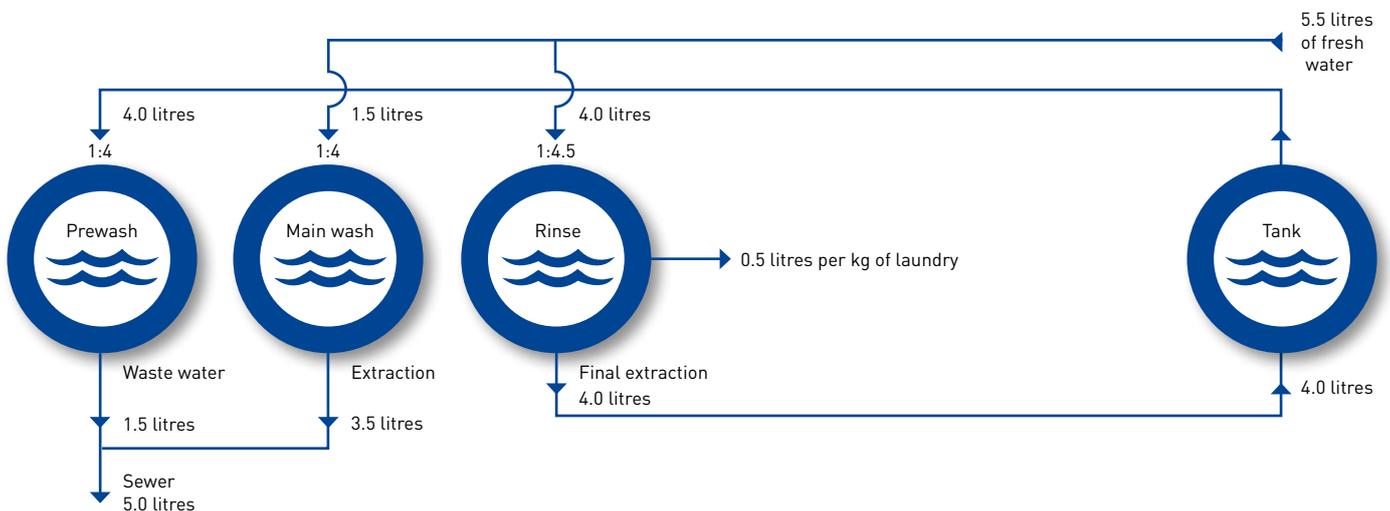
## SPECIAL MODELS

- As well as in commercial laundries, the Cleanfex is also used in the pharmaceutical and plastics industries, for example.

For this purpose, the Cleanfex can be manufactured with a modified design:

- All machine parts that come into contact with the textiles and water are made of type 1.4404 (V4A) stainless steel or high-quality non-rusting materials.
- The entire design is FDA-compliant.
- Spray nozzle system for automatic cleaning of inner and outer drum.
- Silicone coating by dip or spray method.
- Drying of textiles by configurable circulating-air/ exhaust-air system.
- Fresh air intake via filter system.

## BATH FLOW DIAGRAM WITH ECOPOWER PROCESS AND LIQUOR RECOVERY



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# CLEANFEX – THE INSPIRING WASHER EXTRACTOR MACHINE

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WITH BARRIER WALL TECHNOLOGY FOR EFFICIENT, PERMANENTLY OPTIMISED WASHING PROCESSES

This series was developed based on many years of experience with a view to providing laundry operators with efficient machines that feature pioneering new detailed solutions. As with all Seibt + Kapp laundry systems, the Cleanfex is also characterised by its easy and safe operation, minimal running costs, optimum build quality and high availability, while also offering an attractive price-performance ratio. The Cleanfex systems comply with all regulations governing the processing of laundry from health-care facilities, especially the requirements for barrier separation as set out in BGR 500, Chap. 2.6.



WET CLEANING: INDISPENSABLE IN MODERN TEXTILE CARE FACILITIES

A core feature of the Cleanfex is that it provides the prerequisites for an effective wet cleaning process, aimed at professional processing of outerwear and generally sensitive textiles. For this purpose, the fully electronic controller can be used for fabric-specific programming of all washing parameters, such as the washing and extraction speeds, pauses between changes in direction of rotation, length of rotation intervals, temperatures and liquor levels. Appropriate dosing facilities are provided for manual and/or automatic addition of detergents and auxiliary washing products that are suitable for wet cleaning.



FULLY ELECTRONIC CONTROLLER

The fully electronic controller offers the operator maximum convenience, allowing optimum, textile-specific processing of a wide range of laundry types. All programme parameters, such as the liquor level, temperatures, times, dosage of service supplies (either manually or via pumps), etc., can be modified on the machine itself or optionally via the PC. For a part load, the reduced washing weight can be entered before the programme starts so that all service supplies, such as water, heating energy and detergent, are only used in accordance with the actual quantity of laundry.



A COMPLETE STANDARD SPECIFICATION FOR UNIVERSAL APPLICATION

The standard specification of the Cleanfex incorporates all of the features required for continuous industrial/commercial operation, including an automatic positioning device. The high-quality stainless steel housing surrounding the Cleanfex means it is not only a visually attractive machine but also one that is extremely robust and easy to maintain.



A SYSTEM CONFIGURATION TO SUIT EVERY REQUIREMENT

The Cleanfex is optionally available with either direct or indirect steam heating, oil circulating heating or electric heating. The different liquor recovery systems allow further significant reductions in the water, energy and detergent consumption.



THE ECOPOWER PROCESS

Especially economical and fast washing programmes with a higher hourly output. Ideal for laundry with light to medium soiling or for special processes.

# CLEANFEX 20 | 30 | 45

## THE HEART OF THE MASCHINE: THE ACTIVEDRUM

The ActiveDrum is the most important component in the Cleanfex, as this is the only part that comes into direct contact with the laundry being washed. As the only part responsible for delivering optimum mechanics and for processing the laundry as gently as possible, it bears responsibility for the washing results in accordance with Herbert Sinner's cycle.

Key features include the open design, the new cylindrical holes in the cylinder and the diameter-to-length ratio, which has been optimised with regard to nominal loading capacity. In practical operation, the ActiveDrum is characterised by reduced consumption of fresh water, energy, detergent and auxiliary washing products. Accordingly, it has a shorter cycle time and therefore an increased hourly output.

### CLEANFEX 20

Sizes	20 kg
Drum volume	200 l
Washing speed	20–40 rpm
Extraction speed	280–930 rpm
Max. progr. g-factor	360

### CLEANFEX 30

Sizes	30 kg
Drum volume	300 l
Washing speed	20–40 rpm
Extraction speed	280–930 rpm
Max. progr. g-factor	360

### CLEANFEX 45

Sizes	45 kg
Drum volume	450 l
Washing speed	20–40 rpm
Extraction speed	280–930 rpm
Max. progr. g-factor	360



Cleanfex  
Modell 20 | 30 | 45



Fully electronic  
controller



Wet cleaning



Barrier wall  
technology

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# VARIOFEX – THE TRIED AND TESTED MODULAR LINE FOR THE HIGH-PERFORMANCE SECTOR

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