

# CLEAN-STATION CS 730



**CLEAN-STATION CS 730  
MULTICHAMBER-DISINFECTION-WASHING PLANT  
FOR TRANSPORT TROLLEYS**

## FOR THE SAFETY OF YOUR STAFF AND YOUR PATIENTS . . .

Under the top of the Belimed-Group the Belimed, Kleindienst, Netzsch and Sauter Companies have joined together in order to focus their long-standing experience in cleaning, disinfection and sterilization.

Permanent research and development in close co-operation with our customers and the influence of decades of experience in practice have formed our cleaning and disinfection systems into a technologically top-quality product.

We supply you with future-oriented, long-lived technologies fulfilling your demands in an uncompromising way.

Under our collaboration in national and international bodies of experts we are able to design the hygienic standards of the future.





# ADVANTAGES WHICH BECAME STANDARD

## AUTOMATIC FOLDING DOORS

Hermetically sealed, automatic folding doors in double-walled execution connected with an pneumatic door locking, secure the statutory separation of unclean and clean side.

Viewing windows in the folding doors and an anti-glare cabinlight permit optical control of the process.



## INTENSIVE CLEANING

The basis for an optimal cleaning and disinfection result forms the vertically moved spraying frame.

This allows an all-round sweep of the trolley with cleaning and rinsing liquid.

Thus the Clean-Station CS 730 is in the best way suitable for cleaning of trolleys with doors on the face side.

The distance moved by the spraying frame is programmable. Likewise, a mutual spraying left / right can be activated, which is very important while using an open lattice trolley.



## CALCULATED SKEWING



After the cleaning process and while drying, the transport trolley is brought into a calculated skewing in order to accelerate the drain of the liquid.

This avoids that the wash and rinsing liquid is carried off and accelerates the drying procedure.

## FAST DRYING

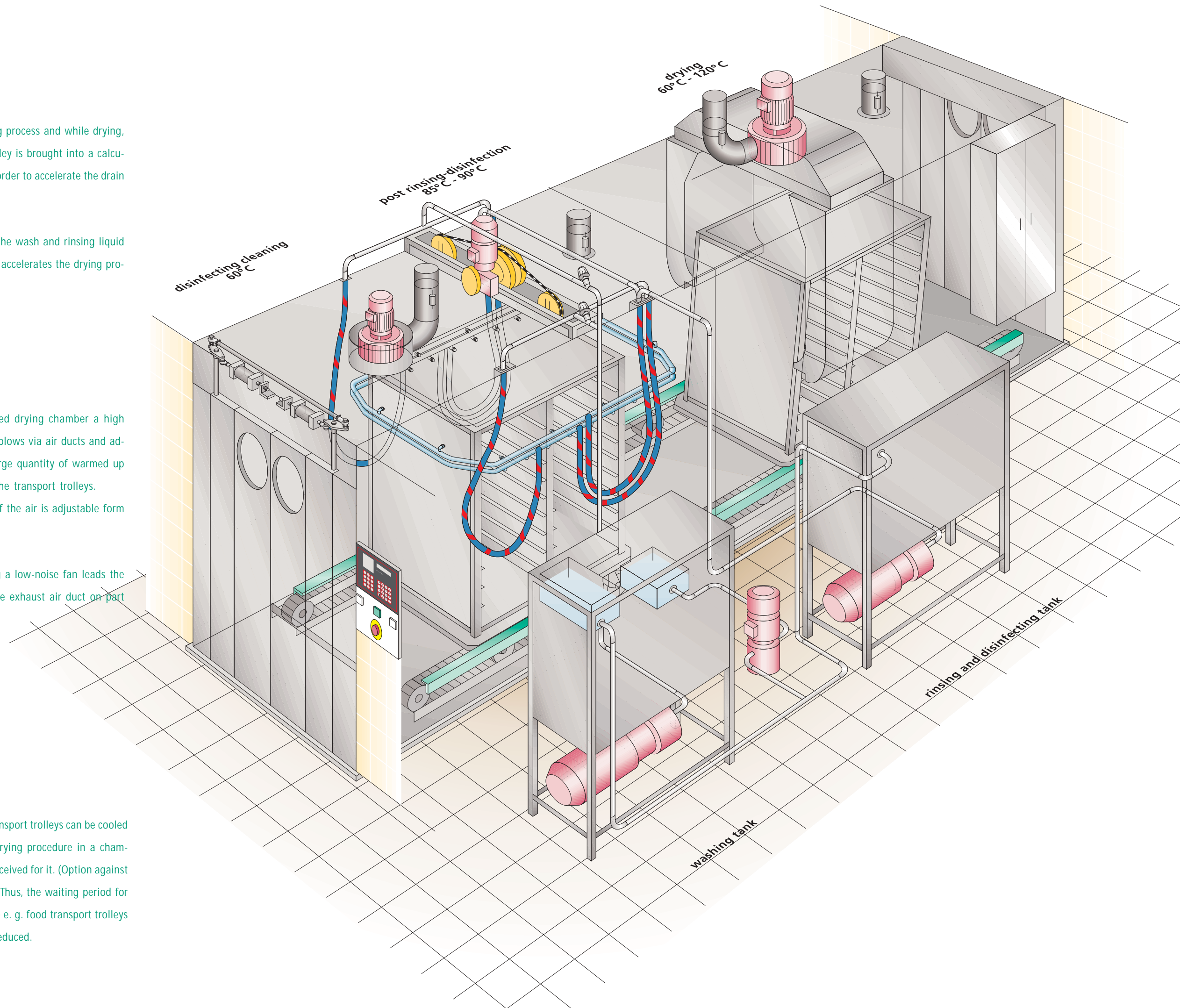
Into the preheated drying chamber a high performance fan blows via air ducts and adjustable jets a large quantity of warmed up air into and on the transport trolleys.

The temperatur of the air is adjustable form 60 – 120° C.

During the drying a low-noise fan leads the humid air into the exhaust air duct on part of the building.

## CUSTOMIZED COOLING

If required the transport trolleys can be cooled down after the drying procedure in a chamber especially conceived for it. (Option against additional price.) Thus, the waiting period for the loading of the e. g. food transport trolleys is substantially reduced.



## RELIABLE TRANSPORT SYSTEMS

An important component of the CS 730-series are the transport systems.

Here, Belimed offers the experience from more than hundred customized solutions.

Depending on the installation situation, trolley design and desired degree of automation, production modules can be supplied before and after the Clean-Station CS 730 as well as draglines or push bar conveyors before or behind the plant.

A modern sensor technology and an intelligent software ensure a safe transport.



The trolley is transported by carrier rolls on part of the machine and a dragline conveyor through the Clean-Station CS 730. The trolley wheels remain thereby unloaded and are secured against tilting.



## INTELLIGENT CONTROL MANAGEMENT

The Clean-Station CS 730 is equipped with a programmable logic control of the newest generation. This permits a modular extension as well as the linkage to EDP-systems.

The programmable software allows an easy adjustment to individual requirements and guarantees largest flexibility.

### CONTROL

The plant is equipped with a 4-line display. During the operation the user will be informed via plain-text of all substantial program steps, duration, temperature gradient etc...

### PROCESS MONITORING

The control supervises continuously the given process variables and all safety functions.

- the cleaning and rinsing procedure can be controlled optionally over pump pressure sensors.
- the dosing for all cleaning and disinfection chemicals can also be supervised optionally.
- deviations are indicated at the panel.

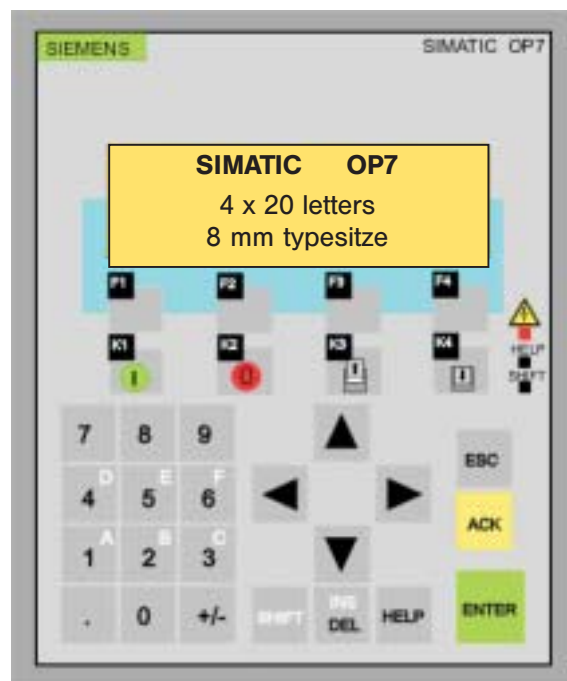
### QUALITY ASSURANCE AND DOCUMENTATION

Optionally a printer is available for the charge documentation or networking with a PC-supported documentation, archiving and statistics module.

### AUTOMATIC IDENTIFICATION OF THE TRANSPORT TROLLEYS

Transport trolleys which must be submitted to a special procedure, can be equipped with a coding. By means of sensors, these are identified and automatically assigned to the appropriate program.

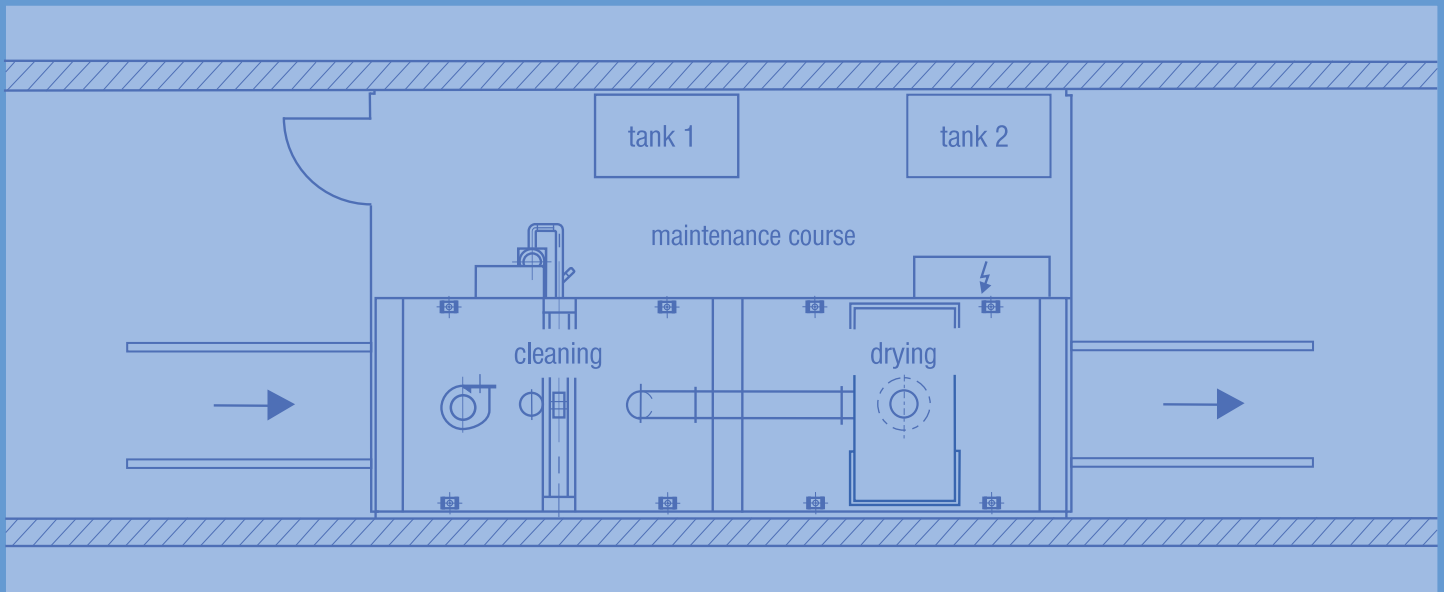
The automatic identification prevent faults with the program selection and offers maximum process security together with the control functions of the machine.





| type        | chamber I                              | chamber II                 | chamber III                | chamber IV | chamber V | rated output trolley / h |
|-------------|--|----------------------------|----------------------------|------------|-----------|--------------------------|
| CS 730 / 20 | disinfecting<br>cleaning<br>post rinse | drying                     |                            |            |           | 20                       |
| CS 730 / 30 | disinfecting<br>cleaning               | post rinse<br>disinfection | drying                     |            |           | 30                       |
| CS 730 / 40 | disinfecting<br>cleaning               | post rinse<br>disinfection | drying                     | drying     |           | 40                       |
| CS 730 / 60 | disinfecting<br>cleaning               | disinfecting<br>cleaning   | post rinse<br>disinfection | drying     | drying    | 60                       |

**CLEAN-STATION CS 730  
THE INSTALLATION DIMENSIONS AT A GLANCE:**



**outside dimensions**

|        |   |
|--------|---|
| length | dependent on the chamber number<br>(e. g. 2 chamber plant, 5150 mm)   |
| width  | 1600 mm without maintenance course<br>3200 mm with maintenance course |
| height | 2800 mm   |

**effectice chamber interior**

|        |                   |
|--------|-------------------|
| length | 1600 mm           |
| width  | 1000 mm           |
| height | 1750 mm (2000 mm) |

**required floor recess**

|       |                             |
|-------|-----------------------------|
| depth | 120 mm (alternatively ramp) |
|-------|-----------------------------|

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