

## Installation Views



The DanTech sanitizer is designed and built to exacting standards for simplicity, ease of use and maintenance.

With machines installed in the UK, Ireland, Sweden, Lithuania, China, South Africa and the USA.

Many of our users are BRC Grade "A" accredited.

# SANITIZING TUNNELS



## The DanTech Sanitizer

Built by DanTech, our *Sanitizer* has been designed to externally sanitize packaged goods and packaging when transferring from low to high care areas, setting the highest standards for hygiene.

**NOW AVAILABLE :**

**SPRAYING OR MISTING OPTIONS**



### Key Features and Benefits

- 360° Coverage,
- Air knives blow-off excess sanitizing agent.
- 95% Sanitizing agent recycled.
- Mobile, with 2 fixed/2 swivel stainless steel castors.
- Variable speed conveyor.
- Sensor operation, pump stops ~ 5 seconds after product exits.
- Stainless steel pump.
- 40 litre sanitizing agent tank.
- Siemens LOGO programming controller for speed, pump and air timing.
- Automatic shut-down when chemical agent runs-out.
- Dual mode for normal operation and cleaning.
- Reversible top with removable side panels.
- Stainless steel grade 1.4301 (AISI 304) and other food grade materials.



Typical view in the high care area.

## Contact Us

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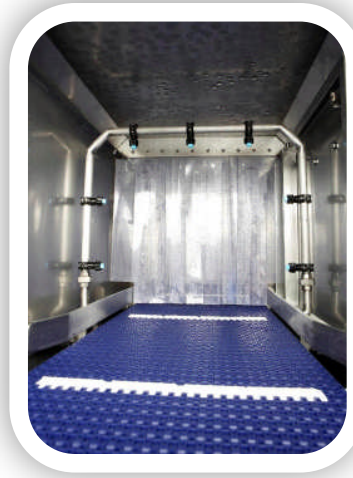
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## SERVICE

- ◆ Technical support
- ◆ Parts support
- ◆ Planned maintenance
- ◆ Service contracts

Worldwide installations in UK, Ireland, Lithuania, China, South Africa, Sweden & USA.  
Generally accepted by clients seeking BRC accreditation.

## Take a Look Inside



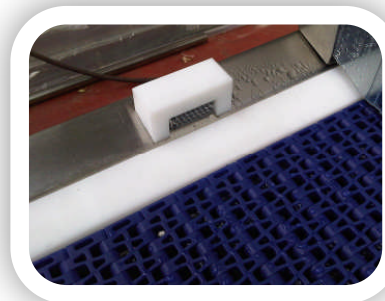
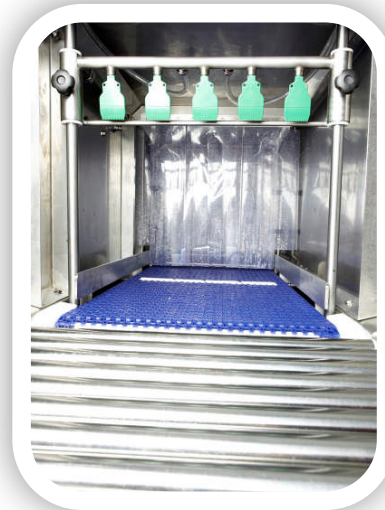
- 360° Spraying or Misting Nozzles for 100% coverage.
- 38% open grid blue FDA approved polypropylene. (Spraying)
- 95% open wire mesh conveyor belt. (Misting)

- Exit section with air knives to remove excess surface sanitizing agent.
- Each compartment is separated by easily removable PVC curtains.
- Stainless steel detachable exit rollers.

Export Crated, ready for shipment.



E-stops at both ends of the tunnel or remote e-stop is an optional extra



Well protected sensor

## Technical Support Starts Here

DanTech engineers take great pride in their work, we can service and install the machine for you with on-site or remote technical support. Each model is delivered with a n assembly video.

We carry an extensive inventory of spare parts using only the best materials and products from accredited suppliers.

Contact: [engineers@dantechuk.com](mailto:engineers@dantechuk.com)



Model: 5450.01



Model: 6450.01

## KEY SPECIFICATIONS

### DESCRIPTION

The 5450.01 and 6450.01 sanitizers are designed to apply 100% coverage of any packaged product whilst conveyed through the tunnel. SPRAYING or MISTING options are available. The machine is delivered ready for use, supplied on stainless steel lockable castors to roll the machine right in to place.

### UTILITY REQUIREMENTS

Water Connection: ½" BSP  
 Drain: 2" BSP  
 Compressed Air: >5 bar (75 psig)  
 Electrical options: Single phase, 110/230VAC  
 Three phase, 400/480VAC

### EXIT ROLLERS/CURTAINS

The exit rollers are detachable stainless steel with the first roller not fixed as a safety device to the operator.

Three curtains separating the compartments are detached for hygiene without any tools.

### DIMENSIONS:

**Model: 5450.01** L x W x H = 2460 x 900 x ~1500 mm.  
 Conveyor H = Adjustable ~890 mm  
 Aperture: H x W = 450 x 500 mm

**Model: 6450.01** L x W x H = 3040 x 1050 x ~1790 mm. Conveyor H = Adjustable ~890 mm  
 Aperture: H x W = 600 x 600 mm

### SPRAY SYSTEM

The 5450.01 and 6450.01 have 10 and 14 nozzles respectively and the stainless steel pump is activated by the protected sensor on the infeed. The pump switches off 5 seconds after the last product has passed through to preserve energy whilst the conveyor continues to drive.

### MISTING SYSTEM

The misting system operates with a high pressure pump to atomise the sanitizing agent and has a wire mesh conveyor belt to give 100% sanitation of the underside with double filtrations to prevent fluid blockages.

### RECIRCULATION

The sanitizing agent is recirculated via a 2 mm mesh to the holding tank which is automatically replenished via a Dosatron which is supplied with the system. There is no agent concentration measurement system, therefore the agent should be replenished frequently.

### AUTOMATIC SHUT DOWN

An automatic chemical cut-out lance is provided with the machine, this stops the machine is the chemical tank is empty.

**MAKE THE DANTECH SANITIZER PART OF YOUR SAFETY AUDIT !**