

# Duplex®

## Escalator Cleaner Professional

A simple, effective, fast and economic system for:  
Brushing - Vacuum cleaning -  
Thorough cleaning of Escalators  
and Travelators

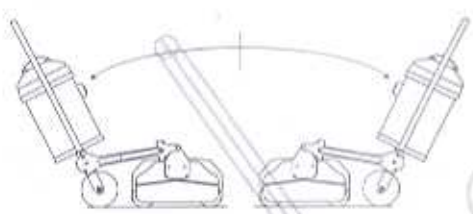


escalator



**Duplex**

## Escalator Cleaner Professional



**DUPLEX ESCALATOR CLEANER PROFESSIONAL** is the ideal system for fast and effective cleaning of escalators.

It is designed to be easily positioned on the escalator treads and is supplied with a handy transportation trolley. A **patented auto guide system** keeps the machine perfectly aligned on all types of escalator.

The first stage is a pre-cleaning process.

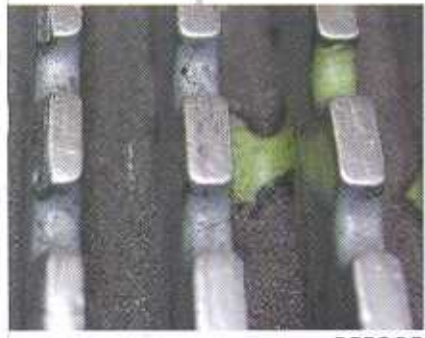
The guide system keeps the machine aligned in the escalator tread allowing specially designed brushes rotating at 600rpm to agitate fully into the grooved surfaces of the tread. This dislodges all the loose dry dirt and dust which is then collected by the integral vacuum unit. During the next stage the machine distributes special

**Detex** liquid detergent. of the liquid in combination with the powerful cylindrical action of the brushes dissolves ingrained dirt and grease trapped inside the escalator channels.

collects and removes dirt onto belts that transfer it into a central recovery tank. After this dual cleaning process the escalator steps will look as good as when new.

After the first thorough cleaning all subsequent operations are carried out much more easily and quickly.

**Duplex Detex**, has been especially formulated to ensure that it does not damage the mechanical parts of the escalator.

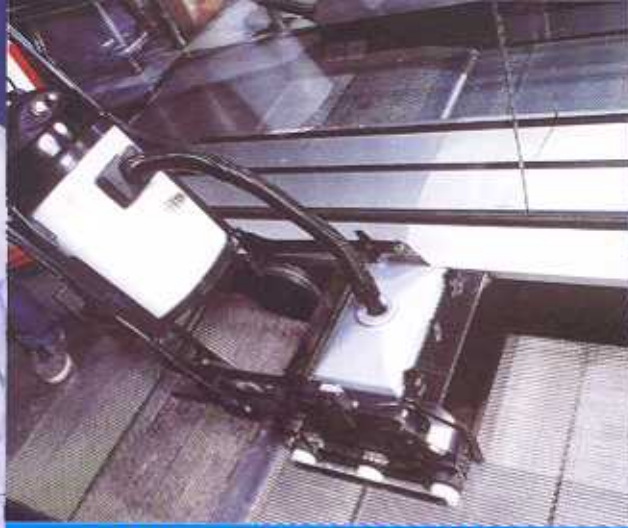


BEFORE



AFTER





**DUPLEX ESCALATOR** is the most simple and economical cleaning system currently available for cleaning all escalators and moving walk way

**DUPLEX ESCALATOR CLEANER** therefore ensures:

- Excellent results.
- Easy installation.
- Self aligning guide system.
- Light and simple use.
- The ability to use it on a moving escalator.
- Unique Duplex technology which ensures the brushes clean right to the edge both sides.
- Bi-directional cleaning.
  - Unique totally reversible trolley.
  - Fine detergent spray action, which does not penetrate into the escalator steps.
  - Fast cleaning in both wet and dry modes.

**Standard accessories:**

- Patented auto guide system.
- Special brushes with a bristle format to suit specific tread profiles from all major manufacturers can be supplied on request ( OTIS - SHINDLER - KONE - THYSSEN - etc.).
- Integral vacuum cleaner, complete with accessories and hose.
- Detergent dispenser consisting of pressure pump and filter.
- Vacuum chambers brush/covers containing special spray heads, complete with a micro-filter, easily removable for cleaning purposes.
- Reversible trolley complete with controls.
- Cover with suction outlet.
- Sample range of special DUPLEX DETEX escalator cleaning liquid.
- Service key (for brush removal).
- User and maintenance information booklet.
- Test documentation.

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LEVE LATERALI



# DUPLEX... The latest in high tech cleaning

The first reaction a visitor gets on entering a facility is very important. Escalators are often the focus inside a building and if they are dirty this image is detrimental to that impression.

DUPLEX ESCALATOR CLEANER IS THE IDEAL SOLUTION FOR ALL ESCALATORS, FOR EXAMPLE IN:

- Shopping centres
- Mass distribution outlets
- Railway stations
- Underground stations
- Airports
- Hospitals
- Exhibition pavilions



The complex internal mechanism of the escalator contains mechanical components which could be damaged if they come into contact with any cleaning liquids. Escalator components are constructed from a variety of materials - metal, rubber, plastic and surface coating. Therefore the use of a cleaning substance suitable for all these materials is essential.

THE ADVANTAGES OF THE DUPLEX ESCALATOR CLEANER SYSTEM ARE THAT:

- They are safe and easy to use in all conditions
- The product has been stringently tested to ensure suitability
- Not harmful to the mechanical components of the escalator
- Reduced cost levels make them economical to use

## TECHNICAL CHARACTERISTICS

	ESCALATOR 350	ESCALATOR 550
Length min. - max	mm. 750 - 1200	mm. 750 - 1200
Width	mm. 350	mm. 550
Weight empty	Kg. 50	Kg. 65
Tank capacity	Lt. 12	Lt. 12
Recovery tank capacity	Lt. 3,5	Lt. 3,5
Brush diameter	mm. 120	mm. 120
Circular brush width	mm. 350	mm. 550
Electric induction motor tropicalized winding	Single-phase	Single-phase
Insulation class	I	I
Voltage	115 - 220/240	115 - 220/240
Frequency Hz	60 50	60 50
Max. power Watt	1250 1000	1480 1900
Vacuum cleaner power Watt	1300	1300
Vacuum cleaner capacity	14	14
Pump power Watt	40	40



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