



# EFFECTIVELY REMOVE LINT?



## LINT-X ROTOR

Rotating drum filter for effective water filtration

ALLOWS RE-USE OF PROCESS WATER FROM TUNNEL WASHER AND  
WASHER EXTRACTOR

REDUCES SOIL LOADING IN WASTE WATER

SAVES WATER AND ENERGY, ESPECIALLY IN COMBINATION WITH  
SANOXY® MAX AND COMPACT ONE WASHING PROCESSES

PASSIONATE ABOUT LAUNDRY



**CHRISTEYNS**  
LAUNDRY TECHNOLOGY



## LINT-X ROTOR

### Effective filtration

Using a unique and simple combination of rotation, separation and gravity, **Lint-X Rotor** filters unwanted particles out of the polluted water as follows :

- Contaminated water is pumped in drum filter
- Gravity pulls water through filter cloth (105µm)
- Filtered water is ready to be re-used
- Waste / solids remain on bottom of drum
- Rotating action pushes dry waste out of open end
- Waste is gathered in tray ➡ easily removable



**Allows re-use of process water**  
**Reduces soil loading in waste water**

### Flexible application

In-line	
tunnel washer	For rinse & press water recycling on 1 tunnel washer  Ideal in combination with water- and energy saving washing processes like <b>Sanoxy® Max</b> for low & medium soiled hospital and hospitality linen
washer extractor	Ideal in combination with water- and energy saving washing processes like <b>Compact ONE</b> for re-use of rinse water
End-of-pipe : for lint reduction in waste water	

### Water & energy savings

#### Case study

Industrial laundry - switch of 1 tunnel washer

**Before** : classic hydrogen peroxide at 85°C, 7L/kg

**After** : Sanoxy® Max, including **Lint-X Rotor** and Heat-X heat exchanger.

#### SAVINGS

chemical cost :	+ 8.320€ / year
cost of water :	- 39.104€ / year
cost of energy :	- 29.120€ / year
<b>Total savings :</b>	<b>59.904€ / year</b>

#### INVESTMENT (incl. installation & commissioning)

Lint-X Rotor	
Heat-X	
Buffer tanks	
Sanoxy tank	
<b>Total investment :</b>	<b>85.000 €</b>

RETURN ON INVESTMENT : **17 months**

### Robust & long lasting design



Type	Dimensions (mm)	Weight (kg)	Max. capacity (depends on soiling level)
Lint-X 1000	1650 x 1100	175	up to 6m³/h
Lint-X 2000	2600 x 1100	245	up to 12m³/h
Standard components :			
<ul style="list-style-type: none"> <li>- high grade stainless steel filter unit</li> <li>- removable cover</li> <li>- polypropylene filtering cloth 105µm</li> <li>- spare cloth</li> <li>- filtrate outlet at the bottom</li> <li>- lint tank with tray and filter plate</li> <li>- extended legs (1500mm)</li> <li>- control unit</li> <li>- all connections</li> <li>- cabling &amp; support</li> </ul>			
Not included : installation, maintenance			

### Minimal maintenance

- Easily removable cover with gas spring
- Flush back system to rinse filter screen
- Durable, stainless steel design with limited moving parts

### Achieved targets

- Filtration of the water down to 105µm
- Lowering of dirt load
- Water recovery : up to 50% water recycling with Sanoxy® Max and Compact ONE
- Recovery of the heat contained in the water

