![wientjens the dutch water company]

AquaBatch

Filters out fibres, hairs and other particles
directly in-line on the continuous batch washer.

AquaBatch

Increase quality while reducing rinse flow

Features

- One step in-depth filtration system for thorough removal of fibres, human hair and other particles from washing or rinsing sections
- Automatic filter cleaning
- Flow control
- Highly reliable stainless steel components allowing high temperatures and detergent concentrations in the water being filtered
- High flow circulation over a compartment of the CBW filtering up to 3 times the total volume in one batch cycle
- Closed system for premium hygiene and safety solutions
- Range of filters available: 200µm, 130µm and 115µm

Description

Based on long-term experience in water filtration we have developed a product that can filter inline fibres in the main wash or rinse zone of a tunnel washer which increases end quality of the processed textiles.

The AquaBatch filters out fibres, hairs and other particles directly in-line on the continuous batch washer.

Instead of flushing away the fibres to the next compartment, the fibres are filtered out during each cycle.

The unit is on a turn-key skid and is easily connectable to virtually all Tunnel Washers on the market.
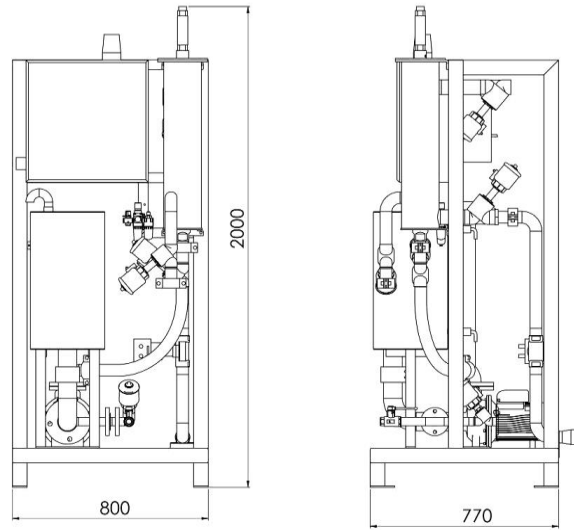
Applications

- Flat linen
- Table linen
- Hospital laundries
- Hotel laundries
- Applicable for Continuous Tunnel Washer

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Dimensions

Technical data

Dimensions
long...800   mm
wide 770   mm
high 2000   mm
transport weight 245   kg
Clearance space around the unit for maintenance 500   mm

Pipe connections
from Tunnel Washer to AquaBatch .... 2"   BSP
from AquaBatch to Tunnel Washer .... 2"   NSP
from fresh water system .... 1"   BSP

Electrical
voltage .... 3x 400V + N +   E
frequency..50   Hz
power..2,5   kW

Compressed air
compressed air connection .... ¼"   BSP
minimum pressure 6   bar
maximum pressure 8   bar
consumption (max) 0,5   Nm^3/h

Sewer outlet
from AquaBatch to sewer or AquaBatch .... 1½"   BSP

Wash water
maximum temperature (continuous load).............................. 80   °C
maximum filtration flow (depending on the soiling) 18   m3/h

Benefits

- Small footprint: 2 m²
- Even with low water consumption in a CBW, quality of textiles does not have to be impaired by remaining fibres and hair on the textiles
- Low maintenance
- Fully automated processes
- High up time, the entire back flush cycle takes about 9 seconds
- Includes an on-line remote service module
- Includes our Cloud Dashboard for data insights

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