

CASE HISTORY

SEMICONDUCTOR
SOLAR
PHARMA
POWER GENERATION
FOOD & BEVERAGE
PULP AND PAPER
CHEMICAL
OIL AND GAS
MINING
AEROSPACE AND TRANSPORT
METAL FINISHING
MUNICIPAL
GENERAL



Toveko Filters

Forsbacka Tvätten Laundry



Forsbackatvätten is a privately owned Laundry Company with 28 employees. The company is situated in the middle of Sweden. Forsbackatvätten has among its customers, hotels, restaurants, companies and public administration. The capacity of the plants is approximately 5 tons of material per day. The company uses its own lorries to collect and deliver laundry from all over Central Sweden.



View of the factory



The raw water source

To maintain the company's position as one of the foremost laundries in Sweden, prices must be competitive and the quality of the services must be second to none. One of the major risks for any laundry is discolouration of clients' goods. Therefore the quality of the water used for all stages of the cleaning process must be ensured.

The water used is taken from Lake Storsjön and contains unacceptable concentrations of humus and metals making it unsuitable for use as wash water without pre-treatment.



View of the TOVEKO filter

The pre-treatment plant consists of pH adjustment, PAC dosing and contact filtration within a TOVEKO CX filter. The flow normally varies from 6 to 8 m³/h. This is handled by a TOVEKO CX filter, Model S-150. This provides high quality sand filtration on a continuous basis. Since the filter washes and returns the cleaned sand to the filter bed whilst still in service, it does not require a standby unit for 24-hour operation. Being only 2.3metres at its tallest point, it fits inside a standard - height room.

The filter is manufactured in stainless steel which not only means it is corrosion - resistant, but also that it does not require regular re-painting. This plant has now been in operation for more than 10 years with very little maintenance. During that time it has proved itself to be extremely reliable and has therefore enabled Forsbackatvatten to concentrate on remaining at the forefront of their industry.

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