

PUMPING DIRT WATER ON SIEVES

Used process water process fruit and vegetables

A producer of canned fruit and vegetables in the food industry is pumping the used process water on sieves to filter out the largest fibres and dirt particles.

The process

Before the used process water is being treated the dirt water is pumped to large sieves to filter out the largest fibers and peelings and kernels.

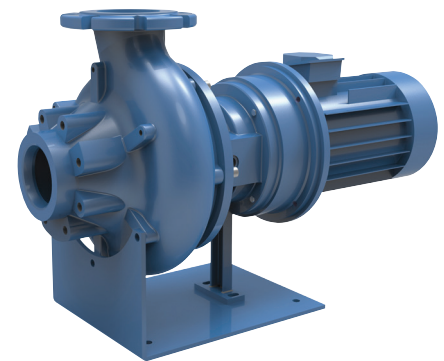
The problem

Because the dirt water flow consists very large abrasive particles, most pump systems have high wear cost, and wearing parts need to be renewed frequently, which brings very high cost.

The solution

Verderhus 150-150BGLMD 30-600

- The screw of the pump has a large free passage up to 80% of the discharge flange: up to 160 mm
- Best materials and best coatings to protect the pump against abrasion.
- The impeller casing gap can be adjusted, this extends the life of the pump and maintains efficiency.



Technical details:

- *Medium: Dirt water with fibers and particles*
- *Capacity: 1000 m3/h*
- *Material: SS 316*
- *Temperature: ???*
- *High abrasive*

Customer Benefits

- *Very low maintenance cost*
- *Very high efficiency*
- *Superior protection against abrasive liquids*



Solution: HSBH 150-105B

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