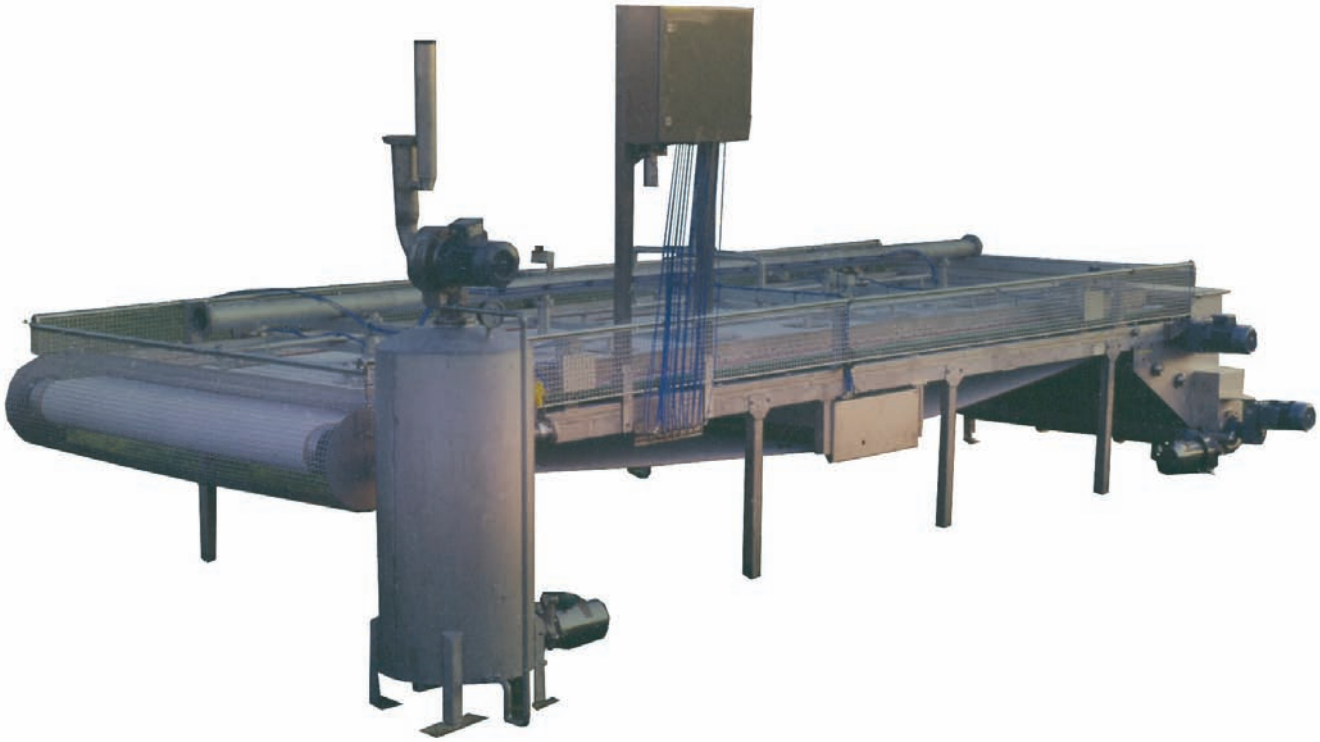
LARSSON SWEDEN

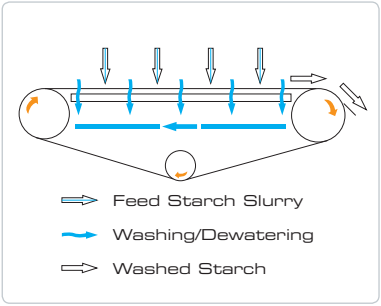
# LARSSON Planar Vacuum Filter

GLBF11



## High Washing Efficiency at Low Cost

LARSSON planar vacuum filter is designed for a high efficient washing resulting in a pure product.
The function of LARSSON planar vacuum filter is to dewater and wash the starch slurry batch wise.
The filter cloth is supported by a grooved table and driven by end rollers located at the each end of the table.




The batchwise processing consits of the following steps:

Top frame lowered onto the filter cloth.
Quantified feeding of starch slurry on top of the filter cloth.
Vacuum for separation of the solids and mother liquid is applied to the underside of the cloth. Air and filtrate runs through the grooves of the table and are evacuated in a filtrate reciever.
Quantified feeding of washing water on top of the starch cake.
Vacuum for dewatering of washing water is applied.
Top frame lifted.
The rollers transports the cloth while air from the outlet nozzle of the vacuum pump creates an air cushion and lifts the cloth together with the dewatered starch into a trough equipped with a paddle mixer or directly onto a belt conveyor to the next step of the process.

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## Technical Information

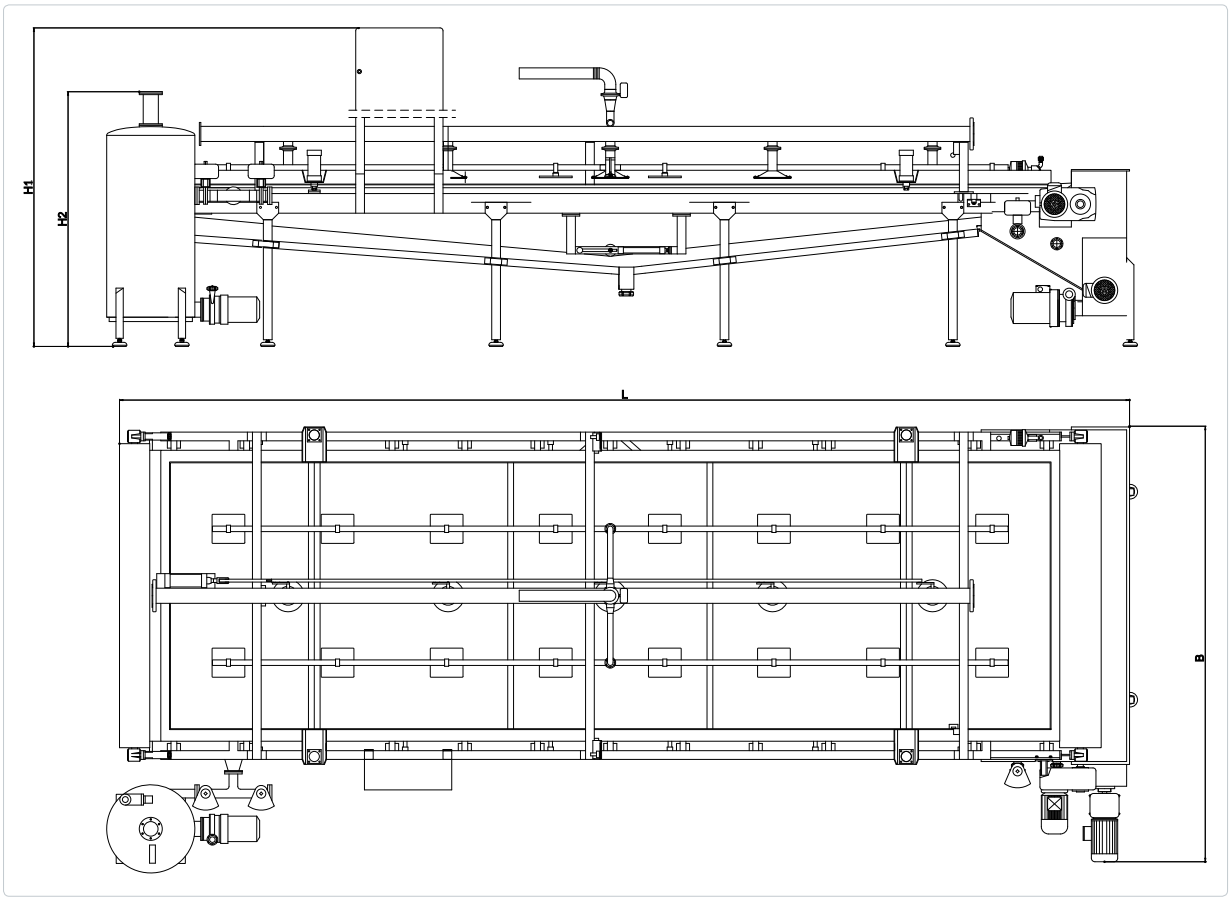
LARSSON planar vacuum filter is fabricated of stainless steel. Media touched parts in AISI 316 (EN 1.4401) and non-media touched parts in AISI 304 (EN 1.4301).
The table surface is fabricated of PE-500.

Advantages of using LARSSON planar vacuum filter are:
Low investment cost.
Low operational cost.
High dry substance values of washed starch cake.
Starch cake can be flash dryed directly.

For further technical information, contact LARSSON.

**General dimensions (mm)**

| Model | Filter area | L | B | H1 | H2 |
|---|---|---|---|---|---|
| GLBF11 | 11 $m^2$ | 6950 | 3150 | 2800 | 1750 |

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