Innovations for a better world.

Horizontal Scourer. MHXS.
Excellent scouring action.
First-class end products.

Application.
The machine is primarily designed for applications in the first and second cleaning section for the surface treatment of wheat, durum and rye:

– for removing impurities and adhering contamination (dust, sand, earth lumps, small seeds, etc.),

– for improving product sanitation by reducing the microbe count (bacteria) and the insect and insect fragment count (filth count).

As a general rule, the horizontal scouer is equipped with an aspiration channel MVSG or an air-recycling aspirator MVSQ at its discharge. They efficiently remove detached hull particles or surface contamination from the grain.

Additional applications.
With the appropriate rotor and screen jacket designs, the scouer is also successfully being applied for intensive durum scouring and oats processing.

High throughput - little need for space.
Thanks to its compact design, the machine can be optimally integrated into existing systems. Reaching up to 30 t/h the MH-XS offers an excellent scouring effect even at high throughputs.

The advantages at a glance:
– Optimal preparation for grinding
– Clean products
– High product safety
– Low operational cost
Improved sanitation.  
High product safety.

Mode of operation.

The grain is fed tangentially to the horizontal special-designed rotor. Intensive scouring of the product is achieved by the interaction between the

1 rotor warts and screen jacket
2 fixed and moving wart plates
3 rotating and stationary conveying channels

A retarding device at the machine outlet allows the scouring action to be controlled.

The technical data of the horizontal scourer MHXS at a glance:

<table>
<thead>
<tr>
<th>Type</th>
<th>Throughputs in t/h*</th>
<th>Dimensions in mm</th>
<th>Approx. weights in kg net</th>
</tr>
</thead>
<tbody>
<tr>
<td>MHXS-30/60</td>
<td>up to 15</td>
<td>A:1210 B:600 C:1505</td>
<td>450</td>
</tr>
<tr>
<td>MHXS-45/80</td>
<td>15 - 30</td>
<td>A:1480 B:800 C:1675</td>
<td>730</td>
</tr>
</tbody>
</table>

* applies to standard version