The JEL TWS is a control sieve, which is used in pneumatic filling of silos to protect products and production plants from contamination. Normally, this screen is installed in the filling pipe between the tank truck and the silo.

**Operation**

The screen operates dust free and with low noise levels. The inlet and outlet sockets are executed as pipe bends and equipped with Storz hose coupling. Using the flange connections, they can be rotated to the desired position. When assembled on top of a mobile base frame, the JEL TWS can be operated in different places.

**Machine equipment**

JEL TWS is a powerful, robust and compact control screen. Thanks to various features, its operation is very easy.

**Areas of application**

<table>
<thead>
<tr>
<th>Chemicals</th>
<th>Plastics</th>
<th>Pharmaceuticals</th>
<th>Foodstuffs</th>
<th>Similar industries</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Bulk solids**

<table>
<thead>
<tr>
<th>Grainy</th>
<th>Powdery</th>
<th>Finely powdered</th>
<th>Fatty</th>
<th>Granular</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Screening applications**

<table>
<thead>
<tr>
<th>Protective screening</th>
<th>Grading</th>
<th>Coarse/Oversize grain screening</th>
<th>Fine screening</th>
<th>Deagglomerating</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Vibration Screening Machine

**JEL TWS**

**Design**
- Mesh sizes from 0.5 – 20 mm (other mesh sizes on request)
- Stainless steel material
- Optionally with integrated magnetic separator
- GMP design is possible
- Also available in ATEX design

**Technical details**
- Throughput capacity:
  - approx. 25 t/h at wheat flour and mesh size of 2 mm
  - approx. 30 t/h at sugar and mesh size of 2 mm
  (the throughput capacity depends on the particular mesh size and product properties)

### Convincing facts
- Protection of products against foreign objects and other contaminations.
- Easy and quick exchange of screen inserts.
- Gas-proof design in accordance with feed pressure (up to 2 bar).
- Can be relocated to different positions.
- Can be connected to and disconnected from the delivery pipeline quickly and easily.

### Technical specifications

#### MACHINE

<table>
<thead>
<tr>
<th>Type</th>
<th>Screening surface</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>TWS 800</td>
<td>0.50 m²</td>
<td>280 kg</td>
</tr>
</tbody>
</table>

#### VIBRATION MOTORS

<table>
<thead>
<tr>
<th>Number</th>
<th>Type</th>
<th>Power</th>
<th>Speed</th>
<th>Voltage</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>15/1100-S02</td>
<td>0.55 kW</td>
<td>1500 min⁻¹</td>
<td>230/400 V</td>
<td>50 Hz</td>
</tr>
</tbody>
</table>

#### DIMENSIONS [mm]

<table>
<thead>
<tr>
<th>Type</th>
<th>ØA1</th>
<th>ØA2</th>
<th>B</th>
<th>B1</th>
<th>B2</th>
<th>B3</th>
<th>ØE1</th>
<th>ØE2</th>
<th>H</th>
<th>H1</th>
<th>H2</th>
<th>H3</th>
<th>H4</th>
<th>L</th>
<th>L1</th>
<th>L2</th>
<th>ØS</th>
</tr>
</thead>
<tbody>
<tr>
<td>TWS 800</td>
<td>G4*</td>
<td>110 ADS*</td>
<td>953</td>
<td>850</td>
<td>372</td>
<td>372</td>
<td>G4*</td>
<td>110 ADS*</td>
<td>1761</td>
<td>1670</td>
<td>1480</td>
<td>193</td>
<td>790</td>
<td>1376</td>
<td>762</td>
<td>613</td>
<td>800</td>
</tr>
</tbody>
</table>

*(Storz coupling)*

**Your contact person**

Do you still have questions or would you like a non-binding price quotation? Then simply contact our team of experts.

**Moritz Meier**
Screening technology
Phone +49 (0) 621 59002-42
Fax +49 (0) 621 59002-550
moritz.meier@engelsmann.de

**J. Engelsmann AG**
Frankenthaler Str. 137-141
D-67059 Ludwigshafen
info@engelsmann.de
www.engelsmann.com

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**Screening Technology for Professionals – by Professionals**