Safe Food.
Clean Food.

SORTEX M
SORTEX M Optical Sorter.
Great performance and value.

The SORTEX M optical sorter provides processors with great sorting performance and value, maximising profitability through its flexibility of applications and capacity, efficiency, precision sorting and sorter reliability.

Field of application:
- Rice
- Grains
- Pulses
- Seeds
- Spices
- Dehydrated vegetables
- Recycled & virgin plastics
Maximising product recovery and profits.

Suitable for small and medium size processors, the SORTEX M is an addition to Bühler’s successful range of optical sorters, providing great value and uncompromising sorting performance.

Equipped with high resolution cameras, lighting and ejectors, the SORTEX M produces outstanding results in removing challenging defects and foreign material.

**Excellent efficiency**
- High-resolution monochromatic visible cameras detect subtle product defects.
- The perfect interplay of cameras and high-speed ejectors ensure precise ejection.
- Illumination using fluorescent lighting results in accurate separation.

**High capacity in a compact space**
- Available in two, three and four modules to match processing capacity needs.
- The split chute feed system optimises the capacity for a given input product.

**Exemplary ease of use**
- Touch screen allows easy operation and fast product changeovers.
- Covers a wide range of pre-stored product modes, to sort multiple applications.

**Worldwide network of Customer Care**
- Prompt technical support.
- On-site or in-house training, competent advice and easy availability of spare parts.

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**High resolution cameras**
High resolution 2048 pixel cameras are designed to offer the widest range of sorting possibilities. These are capable of performing a simultaneous colour and transparency sort as well as dual sort (light/dark).

**New longer-life, high-speed, serviceable ejectors**
The ejectors have been designed to provide high speed and accuracy with reduced wear. This has extended the service interval cycles, further reducing the cost of ownership.
Specifications.

### Technical Details

<table>
<thead>
<tr>
<th>Air requirements (N L/s)</th>
<th>Power consumption (kW) (200-240V; 50/60 Hz single phase)</th>
</tr>
</thead>
<tbody>
<tr>
<td>M2</td>
<td>17.3 N L/s</td>
</tr>
<tr>
<td>M3</td>
<td>26.0 N L/s</td>
</tr>
<tr>
<td>M4</td>
<td>34.6 N L/s</td>
</tr>
</tbody>
</table>

### Dimensions and Weight

<table>
<thead>
<tr>
<th>Weight (Kg, lbs)</th>
<th>Width (mm, in)</th>
<th>Depth (mm, in) Doors Open</th>
<th>Height (mm, in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>M2</td>
<td>615, 1356</td>
<td>1680, 66</td>
<td>2031, 80</td>
</tr>
<tr>
<td>M3</td>
<td>700, 1543</td>
<td>1680, 66</td>
<td>2031, 80</td>
</tr>
<tr>
<td>M4</td>
<td>800, 1764</td>
<td>1944, 77</td>
<td>2031, 80</td>
</tr>
</tbody>
</table>

### Capacities (TPH)

<table>
<thead>
<tr>
<th>Rice</th>
<th>Wheat</th>
<th>Lentils</th>
<th>Seeds</th>
<th>Spices</th>
<th>Dehydrated Vegetables</th>
<th>Plastics</th>
</tr>
</thead>
<tbody>
<tr>
<td>M2</td>
<td>3.0 - 8.0</td>
<td>4.0 - 18.0</td>
<td>2.0 - 6.0</td>
<td>1.0 - 6.0</td>
<td>1.0 - 3.0</td>
<td>1.0 - 5.0</td>
</tr>
<tr>
<td>M3</td>
<td>4.5 - 12.0</td>
<td>6.0 - 27.0</td>
<td>3.0 - 9.0</td>
<td>1.5 - 9.0</td>
<td>1.5 - 4.5</td>
<td>1.5 - 7.5</td>
</tr>
<tr>
<td>M4</td>
<td>6.0 - 16.0</td>
<td>8.0 - 36.0</td>
<td>4.0 - 12.0</td>
<td>2.0 - 12.0</td>
<td>2.0 - 6.0</td>
<td>2.0 - 10.0</td>
</tr>
</tbody>
</table>
Great value.