AUTOSORT FLAKE

ADVANCED SENSOR-BASED SORTING TECHNOLOGY FOR OPTIMIZED RESULTS
Continuing its pioneering tradition, TOMRA Sorting’s AUTOSORT FLAKE is the first to successfully combine detection of color, enhanced material information and metal resulting – simultaneously. This exceptionally effective system optimizes flake sorting applications – regardless of grain size.
THE TOMRA DIFFERENCE: PATENTED TECHNOLOGY

YOU STRIVE FOR PEAK PERFORMANCE. TOMRA’S PATENTED FLYING BEAM® TECHNOLOGY HELPS YOU GET THERE.

Through its continuous calibration feature, you can monitor and optimize the performance of your operations on a real time basis. This means increased stability and less downtime of your system while achieving constant high-quality yield. Additionally, innovative and accurate lighting technology results in up to 70% energy savings and decreases your operating costs. With FOURLINE technology, high speed, high precision NIR sensors allow resolution up to 2 mm, minimizing the loss of valuable product yield and leading to higher product recovery.

ALL OF THIS ENSURES GREATER PROFITABILITY OF YOUR PRODUCT OUTPUT.
**AUTOSORT FLAKE: FLEXIBLE CONFIGURATIONS**

1200 FLAKE  
VALVE BLOCK MODEL TS100B  
NOZZLE DISTANCE 4 mm  
VALVES 304  
WEIGHT 1850 kg  
POWER CONSUMPTION 10 kW

**APPLICATIONS & SENSOR CONFIGURATIONS**

<table>
<thead>
<tr>
<th>Application</th>
<th>Sensor Configuration</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PET flakes</td>
<td>NIR-CRGB</td>
<td>Purifying PET by material &amp; color (only transparent colors)*</td>
</tr>
<tr>
<td>PO flakes</td>
<td>NIR</td>
<td>Purifying PO flakes by material type</td>
</tr>
<tr>
<td>PVC flakes (window frames)</td>
<td>NIR</td>
<td>Purifying PVC flakes from window frames by material type</td>
</tr>
<tr>
<td>Plastic flakes</td>
<td>NIR</td>
<td>Purifying Plastic flakes from material type</td>
</tr>
<tr>
<td>Metal Removal</td>
<td>Optional: additional EM sensor for NIR or NIR-CRGB</td>
<td></td>
</tr>
</tbody>
</table>
THE AUTOSORT FLAKE ADVANTAGE

HIGH THROUGHPUT, HIGH CONSISTENCY, HIGH PRODUCT YIELD RESULT IN HIGH PROFITS

COLOR AND MATERIAL (EG: PET, HDPE, PP, PVC, PS, PLA, FERROUS AND NON-FERROUS METALS...ETC.) SORTING – ALL AT THE SAME TIME

REMOTELY ACCESSIBLE ONLINE STATISTIC OF PROCESS MATERIAL

SUBSTANTIALLY LESS DOWNTIME, GREATER OUTPUT STABILITY AND LOW ENERGY CONSUMPTION THROUGH PATENTED AND PIONEERING TECHNOLOGY

FIELD-PROVEN PROCESS AND MACHINE DESIGN DEVELOPED WITH INDUSTRY PARTNERS

EXCELLENT PERFORMANCE AT EXPANDED TEMPERATURE RANGE (5-50 °C)

CUSTOMIZABLE FOR MATERIAL SORTING ONLY

SUPERIOR ALL-AROUND SERVICE SUPPORT WITH TOMRA CARE
AS A TECHNOLOGY LEADER, TOMRA SORTING RECYCLING CONTINUES TO BE PIONEER IN SENSOR-BASED SORTING IN THE WASTE AND METAL RECYCLING INDUSTRIES. WITH OVER 4,400 UNITS INSTALLED IN MORE THAN 50 COUNTRIES, OUR EXPERTISE AND SUPERIOR SERVICE ALLOW US TO DELIVER HIGH-PERFORMANCE SORTING AND ANALYTICAL SOLUTIONS TO OUR CUSTOMERS IN A BROAD RANGE OF APPLICATIONS.

Find out why:
www.tomra.com/recycling