HIGH FREQUENCY SCREENS

FROM CONCEPTS TO REALITY

ENGINEERED FOR EFFICIENCY

DESIGNED TO YOUR SPECS

BUILT FOR DURABILITY

www.tcimfg.com  -  815.379.2090
TCI high frequency screens, commonly referred to as "PEP screens", come in a variety of sizes, frequency levels and configurations. Fine material is best separated with high speed and a small stroke. They are available in single or double deck configurations, and are equipped with either electric or hydraulic vibration. The ratchet-type screen tensioning makes for easy screen panel changes.

TCI High-Frequency Screens have the highest screen capacity in the industry for dry, fine material separation.

Note: Figures calculated on the use of slotted screens material to be screened contains overs to stimulate production and provide scouring.
- Assumes material weight 100 lbs per cubic foot
- This chart is to be used for estimation purposes only. All application variables should be considered when evaluating tonnages.

### Basic Capacity Table

<table>
<thead>
<tr>
<th>Through Deck</th>
<th>Dry Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Slotted Screen</td>
<td>6x12</td>
</tr>
<tr>
<td>3/8</td>
<td>240 TON</td>
</tr>
<tr>
<td>1/4</td>
<td>210 TON</td>
</tr>
<tr>
<td>3/16 (4M)</td>
<td>175 TON</td>
</tr>
<tr>
<td>1/8 (6M)</td>
<td>115 TON</td>
</tr>
<tr>
<td>3/32 (8M)</td>
<td>85 TON</td>
</tr>
<tr>
<td>5/64 (10M)</td>
<td>65 TON</td>
</tr>
<tr>
<td>1/16 (12M)</td>
<td>50 TON</td>
</tr>
<tr>
<td>3/64 (16M)</td>
<td>40 TON</td>
</tr>
</tbody>
</table>
TCI - HIGH FREQUENCY SCREENS

- TCI High-Frequency Screens are engineered to provide the highest production capabilities in the market. Aggressive vibration (3600RPM) applied directly to screen media allows for higher capacity and more efficient sizing, compared with conventional screens.
- Standard separations range from ½” to 20M.
- Faster screen media changes with a tool-free ratchet system.
- Designed to increase production by removing fines in both pre-screening and post-screening applications.

**Standard sizes include:** 6x12, 6x18, & 6x24

**Applications include:** Fractionated / Recycled Asphalt (FRAP/RAP), Chip sizing, Fines removal, Ag-lime, Manufactured sand.

6x12 PTF

6x18 PSB Plant

6x18 PTSC

6x24 PTSC XL

Stationary or Skid-Mount
THE TCI DIFFERENCE

- In-house engineering
- Custom design & fabrication
- Precision shop-welded and bolted
- Anything from standard enamel to custom paint formulations
- Rigorous product testing & fitting

From our humble beginning in 2000, TCI has grown significantly due to our high quality product line, our attention to detail, and our loyal and growing dealers and customer base. Our on-site facility has over 100,000 sq ft of manufacturing space. Our in-house engineering and CNC equipment allows us to efficiently and accurately custom design and build almost anything imaginable.