PTSC 2818VM
Portable Screen Plant

High Frequency Screen
- PEP Vari-Vibe 2818VM
- Patent-pending screen design
- 8 x 18 ft (2,440 x 5,490 mm) top deck
- 8 x 12 ft (2,440 x 3,660 mm) bottom deck
- Decks driven by variable-speed hydraulic vibrators
- Vibrators have five (5) force amplitude settings
- Hydraulic operating angle adjustment
- Fines collecting hopper
- Top and bottom deck discharge chutes
- Step-type aggregate spreader

Delivery Conveyor
- Nominal 54 in x 38 ft (1,400 mm x 11.6 m) conveyor
- Hydraulic drive
- Full-length skirtboards
- 220 PIW belt with 3/16 in (5 mm) top cover
- Vulcanized belt splice
- Belt cleaner

Chassis
- Standard fifth wheel plate
- Single axle, air brakes, lights and mud flaps
- Four (4) 11:00 x 22.5 dual-mounted tires
- Manually-operated support legs
- Outriggers for additional side support
- Folding walkways along screen with access ladder

Power & Hydraulics
- Two hydraulic power units:
  - 50 hp (37 kW) motor and 90 gallon (340 L) reservoir
  - 60 hp (45kW) motor and 160 gallon (605 L) reservoir
- Direct coupled pressure compensated pumps

Controls
- NEMA 4-rated control cabinet
- Push-button controls for electrical functions
- Low-oil-level shut-off with warning strobe
- Mechanical controls for plant functions

Plant Options
- Steel screen cloth
- Vinyl dust cover
- Four (4) hydraulic leveling jacks
- Immersion heaters for hydraulic reservoirs
- Starters for three (3) off-plant conveyors
### Physical & Operating Characteristics

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Imperial</th>
<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Length</td>
<td>47’ 1”</td>
<td>14.35 m</td>
</tr>
<tr>
<td>Operating Width</td>
<td>28’ 4”</td>
<td>8.64 m</td>
</tr>
<tr>
<td>Operating Height</td>
<td>30’ 6”</td>
<td>9.30 m</td>
</tr>
<tr>
<td>Feed Height</td>
<td>14’ 9”</td>
<td>4.50 m</td>
</tr>
<tr>
<td>Transport Length</td>
<td>46’ 6”</td>
<td>14.17 m</td>
</tr>
<tr>
<td>Transport Width</td>
<td>11’ 11”</td>
<td>3.63 m</td>
</tr>
<tr>
<td>Transport Height</td>
<td>13’ 9”</td>
<td>4.19 m</td>
</tr>
<tr>
<td>Unit Weight</td>
<td>48,300 lb</td>
<td>21,900 kg</td>
</tr>
</tbody>
</table>

### Operation

![Operation Diagram](image1)

### Transportation

![Transportation Diagram](image2)

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Note: Consult factory for exact dimensions, specifications are subject to change without notice.