The US440E is an electrically powered tracked mounted cone crusher aimed at the demanding quarry operator, construction company or contractor working with hard and abrasive applications. It features the Sandvik CS440 cone crusher, the SS1443 triple deck screener and the SS1013H pre-screen. The cone crusher can take a feed size of 450 mm and produce up to 500 tph. This makes it the perfect mobile cone crusher for secondary crushing applications where high capacity and high size reduction are desired.

The US440E is available with a product screen and return conveyor, for enhanced product quality. The machine is also available in a simplified version, the US440E Swift, with no screening station and featuring an extended stockpiler.

The Sandvik US440E is powered by electricity (tracks and support legs are hydraulically driven), which results in an environmentally friendly and cost effective solution. It is equipped with a powerful diesel driven generator, which provides an alternative to the mains grid connection, whenever high mobility and multi site duty is required.

**KEY BENEFITS**

- Sandvik CS440 cone crusher, available with a choice of three mantles (EC, C and MC) and 4 different eccentric throw settings spanning from 20 to 36, specifically designed for secondary crushing.
- The Sandvik SS1443 product screen can be configured to separate undersize into either one or two fractions, and is available with a choice of screen media.
- Sandvik SP1020H heavy duty pan feeder designed for efficient, high capacity feeding with low liner wear.
- Sandvik SS1013H triple deck pre screen, available with a choice of screen media
- Radio remote control as standard
- The crusher is fitted with an intelligent ASRi system, which monitors and automatically regulates CSS
- ASRi is integrated with the PLC control screen which is easy to operate and available in several languages
- The US440E is transported in three separate sections which are easily assembled on site
- Metal detector on feed conveyor for the protection of the crusher
- The unit is fully automated and is easily interlocked with other crushing units
### Transport

<table>
<thead>
<tr>
<th>Part 1</th>
<th>Length</th>
<th>Width</th>
<th>Height</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>14.8 m / 48.6'</td>
<td>3.5 m / 11.5'</td>
<td>3.85 m / 12.6'</td>
<td>62 mton / 68 ston</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part 2</th>
<th>Length</th>
<th>Width</th>
<th>Height</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4.5 m / 14.8'</td>
<td>3.05 m / 10'</td>
<td>3.0 m / 9.8'</td>
<td>8 mton / 9 ston</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part 3</th>
<th>Length</th>
<th>Width</th>
<th>Height</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>7.9 m / 25.1'</td>
<td>3.05 m / 10'</td>
<td>2.8 m / 9.2'</td>
<td>8 mton / 9 ston</td>
</tr>
</tbody>
</table>

Total weight: 82 mton / 90 ston

### Operation

<table>
<thead>
<tr>
<th>Length</th>
<th>31.4 m / 103' 0''</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width</td>
<td>4.5 m / 14.8'</td>
</tr>
<tr>
<td>Height</td>
<td>6.2 m / 20.4'</td>
</tr>
</tbody>
</table>

**Equipment**

- **Crusher**: Sandvik CS440
- **Feeder**: Sandvik SP 1020 H
- **Pre screen**: Sandvik SS 1013 H
- **Screen**: SS 1443
- **Capacity**: 500 mtph / 551 stph
- **Electric motor**: 200 kW / 268 hp
- **Generating set**: 600 kVA
- **Engine**: Volvo 1642 GE diesel generator

**Note**: All weights and dimensions are for standard units only.

### OPTIONS

- Overband magnet
- Belt scale on discharge conveyor
- Electrical power outlet 125A
- Diesel driven heater for the engine
- Diesel driven heating for engine and lubrication oil
- Synthetic oil for CH 660
- Synthetic oil for CH 440
- Removable sidewall extension on feed hopper (width 4.0 m, volume 12 m³) 2008
- Extra mast with floodlights
- Electric conveyor heating
- Dust filter
- Product conveyor no.2 (800mm x 8m)
- Belt scale
- Preparation for connection to main supply
- Oil bath cleaner for filter
- Electrical Heating Feeder SP1020 and Hopper
- NF conveyor incl. Support (8m x 650mm)
- Belt scale for NF conveyor