POWERSCREEN®
CONVEYOR RANGE

www.powerscreen.com

- CT65
- CT80
- CT100
- CT75R
- HL75 HIGH LEVEL FEEDER
- LL75 LOW LEVEL FEEDER

BACKED UP BY
PEACE OF MIND

WARRANTY
CT65 & CT80

FEATURES & BENEFITS
The Powerscreen® range of mobile conveyors are designed to work in conjunction with the entire range of Powerscreen crushing and screening equipment. Using conveyors means increased stockpile capacity and reduces on-site material handling. For convenience and to keep shipping costs low, Powerscreen conveyors can be transported in a 40ft container. The range includes 65ft and 80ft track mobile conveyors: CT65 and CT80.

*Varies dependent on conveyor length. See detailed specification for each conveyor.
**Output potential dependant on feed material and settings. June 2018.

TRANSPORT DIMENSIONS

<table>
<thead>
<tr>
<th></th>
<th>CT65</th>
<th>CT80</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>11.3m (37')</td>
<td>11.88m (38' 11&quot;)</td>
</tr>
<tr>
<td>Width</td>
<td>2.26m (7' 5&quot;)</td>
<td>2.26m (7' 5&quot;)</td>
</tr>
<tr>
<td>Height</td>
<td>2.53m (8' 4&quot;)</td>
<td>2.54m (8' 4&quot;)</td>
</tr>
<tr>
<td>Weight (Est.)</td>
<td>12,750kgs (28,109lbs)</td>
<td>16,000kgs (35,274lbs)</td>
</tr>
<tr>
<td>Containerised shipping</td>
<td>40' x 9'6&quot; High Cube Container</td>
<td>40' x 9'6&quot; High Cube Container</td>
</tr>
</tbody>
</table>

CONVEYOR DETAILS

<table>
<thead>
<tr>
<th></th>
<th>CT65</th>
<th>CT80</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conveyor length</td>
<td>20m (65 '7&quot;)</td>
<td>23.5m (77')</td>
</tr>
<tr>
<td>Belt width</td>
<td>1,050mm (41&quot;)</td>
<td>1,050mm (41&quot;)</td>
</tr>
<tr>
<td>Discharge height</td>
<td>8.1m (26' 6&quot;) @ 24°</td>
<td>10.2m (33' 6&quot;) @ 24°</td>
</tr>
<tr>
<td>Max discharge height</td>
<td>10m (32' 10&quot;) @ 28°</td>
<td>10.5m (34' 6&quot;) @ 28°</td>
</tr>
<tr>
<td>Production capacity</td>
<td>Up to 400TPH (441 US TPH)**</td>
<td>Up to 400TPH (441 US TPH)**</td>
</tr>
</tbody>
</table>

OPTIONS

<table>
<thead>
<tr>
<th></th>
<th>CT65</th>
<th>CT80</th>
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</thead>
<tbody>
<tr>
<td>Feed boot liners: AR 400 plate or 20mm rubber</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Feed boot extension</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Chevron belt</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Blade scraper</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Head drum guards</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Under guards</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Dust covers</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Dust suppression water spray at head drum</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Conveyor drive - direct electric</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Full length skirting</td>
<td>•</td>
<td>•</td>
</tr>
</tbody>
</table>

Steel lined feedboot as standard providing extended wear life. Feedboot extensions and rubber lined options also available

Hydraulic angle adjustment from 0° to 28° for easy plant integration*

Hydraulic adjustment for variable feed height reduces impact and provides optimal material transfer

Compact folding mechanism allows containerised shipping as one unit

Fully protected power unit with easy access for service and maintenance

Tier 3 (Stage 3A)
Deutz D2011 L04I - 36.4kW (49HP)

Tier 4F (Stage 4) - US Only:
Deutz TD2.9 L4 - 41kW (56HP)

Dual-speed tracks for quick and controlled deployment

Containerised shipping, Track in / Track out. No crane required.
FEATURES & BENEFITS
The Powerscreen CT100 Stockpiler, builds on the hugely successful Powerscreen CT65 & CT80 Conveyors. The extra length of conveyor, and increase power, allows for Maximum mobility and flexibility, reducing or eliminating the use of wheeled loaders on site. The Conveyor can cope with all applications, from light duty screened material, through to Jaw Applications. Although the conveyor is 100R long, it still retains the ability to be transported worldwide in a 40ft container.

CONVEYOR DETAILS  CT100
- Conveyor length: 30m (98’ 5”)
- Belt width: 1050mm (41”)
- Discharge height: 10.6m (34’ 5”) @ 18°
- Max. discharge height: 14.3m (46’ 1”) @ 28°
- Production capacity: Up to 600TPH (661 US TPH)**

OPTIONS
- 6mm removable wearplate liners
- 20mm rubber wear feedboot liners
- Steel lined feedboot as standard providing extended wear life
- Feedboot extensions and rubber lined options also available
- Hydraulic adjustment for variable feed height reduces impact and provides optimal material transfer

TRANSPORT DIMENSIONS  CT100
- Length: 19.5m (63’ 11”)
- Width: 2.84m (9’4”)
- Height: 3m (9’ 9”)
- Weight (Est.): 24,000kg (52,910lbs)
- Containerised shipping: 40’ x 9’6”

FEATURES & BENEFITS
The Powerscreen CT75R Tracked Radial Stockpiling Conveyor is the ideal solution for stockpiling after mobile crushing and screening plants. The mobility and flexibility of the Radial Stockpiling Conveyors reduces / eliminates the use of a wheel loader on site. The Conveyors ensures all applications are catered for from easiest, right through to the hardest.

CONVEYOR DETAILS  CT75R
- Conveyor length: 22.9m (75’ 2”)
- Belt width: 1050mm (41”)
- Discharge height: 9m (29’ 6”) @ 18°
- Max. discharge height: 10.9m (35’ 9”) @ 22°
- Production capacity: Up to 600TPH (661 US TPH)**

OPTIONS
- Canvas dust covers on discharge conveyor
- Canvas dust covers complete with dust hood on discharge conveyor
- Twin drive discharge conveyor
- Anti-roll back flaps
- Discharge belt upgraded to 3ply heavy duty belt
- Discharge conveyor underguard option length of mid section
- Dust suppression at discharge conveyor head drum
- Belt weigher option
- Overband magnet at headfeed of discharge conveyor
- Radio remote to start/stop feeder, raise/lower discharge conveyor
- Fully protected power unit with easy access for service and maintenance
- Tier 3: Deutz D2011 L04 – 4 cylinder 36kW (48HP) air-cooled diesel engine
- Tier 4: Deutz L04 45kW (60HP) air-cooled diesel engine
- Tier 3: Stage 3A CAT 4.4 - 4 cylinder diesel engine developing 83kW (111HP) @1800rpm
- Tier 4: Tier 4F / Stage IV - Caterpillar C4.4 - 4 cylinder diesel engine developing 82kW (110HP) @ 1800RPM
- Fuel tank volume: 180 litres

TRANSPORT DIMENSIONS  CT75R
- Length: 15.6m (51’ 3”)
- Width: 2.25m (7’5”)
- Height: 3m (9’9”)
- Weight (Est.): 19,500kg (42,990lbs)
- Containerised shipping: 40’ x 9’6”

Fully protected power unit with easy access for service and maintenance
- Tier 3: Stage 3A CAT 4.4 - 4 cylinder diesel engine developing 83kW (111HP) @1800rpm
- Tier 4: Tier 4F / Stage IV - Caterpillar C4.4 - 4 cylinder diesel engine developing 82kW (110HP) @ 1800RPM
- Fuel tank volume: 180 litres
**FEATURES & BENEFITS**
The Powerscreen HL75 High Level Feeder Conveyor, combines the highly versatile Chieftain Feeder system and Stockpiling conveyor, allowing the operator to directly discharge from wheel loaders to eliminate the double handling of material on site. The fully mobile units can be used for a ‘metered or controlled’ feed of material into any Powerscreen Products or other machines.

**TRANSPORT DIMENSIONS**
- **High Level Feeder**
  - Length: 19.5m (63’ 11”)
  - Width: 2.75m (9’)
  - Height: 3.12m (10’ 2”)
  - Weight (Est.): 25,000kg (55,115lbs)
  - Containerised shipping: 40’ x 9’6”

**Options**
- Canvas dust covers on discharge conveyor
- Canvas dust covers complete with dust hood on discharge conveyor
- Twin drive discharge conveyor
- Full length side skirting along discharge conveyor
- High spec discharge conveyor head drum scraper
- Anti-roll back flaps
- Discharge belt upgraded to 3ply heavy duty belt
- Discharge conveyor drive drum upgraded to ceramic lagging
- Discharge conveyor underguard option length of mid section
- Dust suppression at discharge conveyor head drum
- Belt weigher option
- Overband magnet at feedboot of discharge conveyor
- Radio remote to start / stop feeder, raise / lower discharge conveyor
- Pull Cord E-stop running length of discharge conveyor
- Radio remote to Track machine
- Telemetry
- Feedboot lined 6mm wearplate
- Manual adjusting jacking legs at tail side of feeder to adjust tail height
- Feed conveyor drive drum upgraded to ceramic lagging
- Hopper lined 6mm wearplate
- Hopper flares lined 6mm wearplate
- Mild steel liners bolted into hopper

**CONVEYOR DETAILS**
- **High Level Feeder**
  - Conveyor length: 22.6m (74’ 2”)
  - Belt width: 1200mm (42”)
  - Discharge height: 8m (26’ 3”) @ 18°
  - Max. discharge height: 9.8m (32’ 2”) @ 24°
  - Production capacity: Up to 500TPH (551 US TPH)**

**FEATURES & BENEFITS**
The Powerscreen LL75 Low Level Feeder Conveyor allows the operator to directly discharge from wheel loaders and excavators at a significantly lower feed in height compared to standard hopper feeders. The unique design of the hopper allows for rear feeding which can be an advantage when operating in inhibited areas.

**TRANSPORT DIMENSIONS**
- **Low Level Feeder**
  - Length: 19.6m (64’ 4”)
  - Width: 2.75m (9’)
  - Height: 3m (10’)
  - Weight (Est.): 24,000kg (52,910lbs)
  - Containerised shipping: 40’ x 9’6”

**Options**
- Canvas dust covers on discharge conveyor
- Canvas dust covers complete with dust hood on discharge conveyor
- Twin drive discharge conveyor
- Full length side skirting along discharge conveyor
- High spec discharge conveyor head drum scraper
- Anti-roll back flaps
- Discharge belt upgraded to 3ply heavy duty belt
- Discharge conveyor drive drum upgraded to ceramic lagging
- Discharge conveyor underguard option length of mid section
- Dust suppression at discharge conveyor head drum
- Belt weigher option
- Overband magnet at feedboot of discharge conveyor
- Radio remote to start / stop feeder, raise / lower discharge conveyor
- Pull Cord E-stop running length of discharge conveyor
- Radio remote to Track machine
- Telemetry
- Feedboot lined 6mm wearplate
- Manual adjusting jacking legs at tail side of feeder to adjust tail height
- Feed conveyor drive drum upgraded to ceramic lagging
- Hopper lined 6mm wearplate
- Hopper flares lined 6mm wearplate
- Mild steel liners bolted into hopper

**CONVEYOR DETAILS**
- **Low Level Feeder**
  - Conveyor length: 22.6m (74’ 2”)
  - Belt width: 1200mm (42”)
  - Discharge height: 8m (26’ 3”) @ 18°
  - Max. discharge height: 9.8m (32’ 2”) @ 24°
  - Production capacity: Up to 500TPH (551 US TPH)**

**SPECIFICATIONS**
- Tier 3: Stage 3A CAT 4.4 - 4 cylinder diesel engine developing 83kW (111HP) @1800rpm
- Tier 4: Tier 4F / Stage IV - Caterpillar C4.4 - 4 cylinder diesel engine developing 82kW (110HP) @ 1800RPM
- Fuel tank volume: 325 litres
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