

POWERSCREEN® CONVEYOR RANGE



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

www.powerscreen.com



CT65 & CT80



Containerised shipping, Track in / Track out. No crane required.

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.

TRANSPORT DIMENSIONS	CT65	CT80
Length	11.3m (37')	11.88m (38' 11")
Width	2.26m (7' 5")	2.26m (7' 5")
Height	2.53m (8' 4")	2.54m (8' 4")
Weight (Est.)	12,750kgs (28,109lbs)	16,000kgs (35,274lbs)
Containerised shipping	40' x 9'6" High Cube Container	40' x 9'6" High Cube Container

CONVEYOR DETAILS	CT65	CT80
Conveyor length	20m (65' 7")	23.5m (77')
Belt width	1,050mm (41")	1,050mm (41")
Discharge height	8.7m (28' 6") @ 24°	10.2m (33' 6") @ 24°
Max. discharge height	10m (32' 10") @ 28°	10.5m (34' 6") @ 28°
Production capacity	Up to 400TPH (441 US TPH)**	Up to 400TPH (441 US TPH)**

OPTIONS	CT65	CT80
Feed boot liners: AR 400 plate or 20mm rubber	•	•
Feed boot extension	•	•
Chevron belt	•	•
Blade scraper	•	•
Head drum guards	•	•
Under guards	•	•
Dust covers	•	•
Dust suppression water spray at head drum	•	•
Conveyor drive - direct electric	•	•
Full length skirting	•	•



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

Compact folding mechanism allows containerised shipping as one unit

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

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

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

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

CT100

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 100ft long, it still retains the ability to be transported worldwide in a 40ft container.

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

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

Dual-speed tracks for quick and controlled deployment

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" High Cube Container

CONVEYOR DETAILS	CT100
Conveyor length	30m (98' 5")
Belt width	1050mm (41")
Discharge height	10.5m (34' 5") @ 18°
Max. discharge height	14.3m (46'11") @ 28°
Production capacity	Up to 600TPH (661 US TPH)**

OPTIONS
6mm removable wearplate liners
20mm rubber wear feedboot liners
Feedboot extension complete with steel liners
Feedboot extension complete with 20mm rubber liners
Impact bed at feedboot area
Impact rollers at feedboot area
Full length side skirting along main conveyor
High spec discharge conveyor head drum scraper
Conveyor head drum guarding
Discharge conveyor underguard option length of mid section.
Dust suppression at conveyor head drum (spray bar only)
Pull cord emergency stop running length of conveyor
Canvas dust covers
Conveyor twin drive motors

CT75R

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.

Fully protected power unit with easy access for service and maintenance
 Tier 3: Deutz D2011 L04i - 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" High Cube Container

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") @ 23°
Production capacity	Up to 600TPH (661 US TPH)**

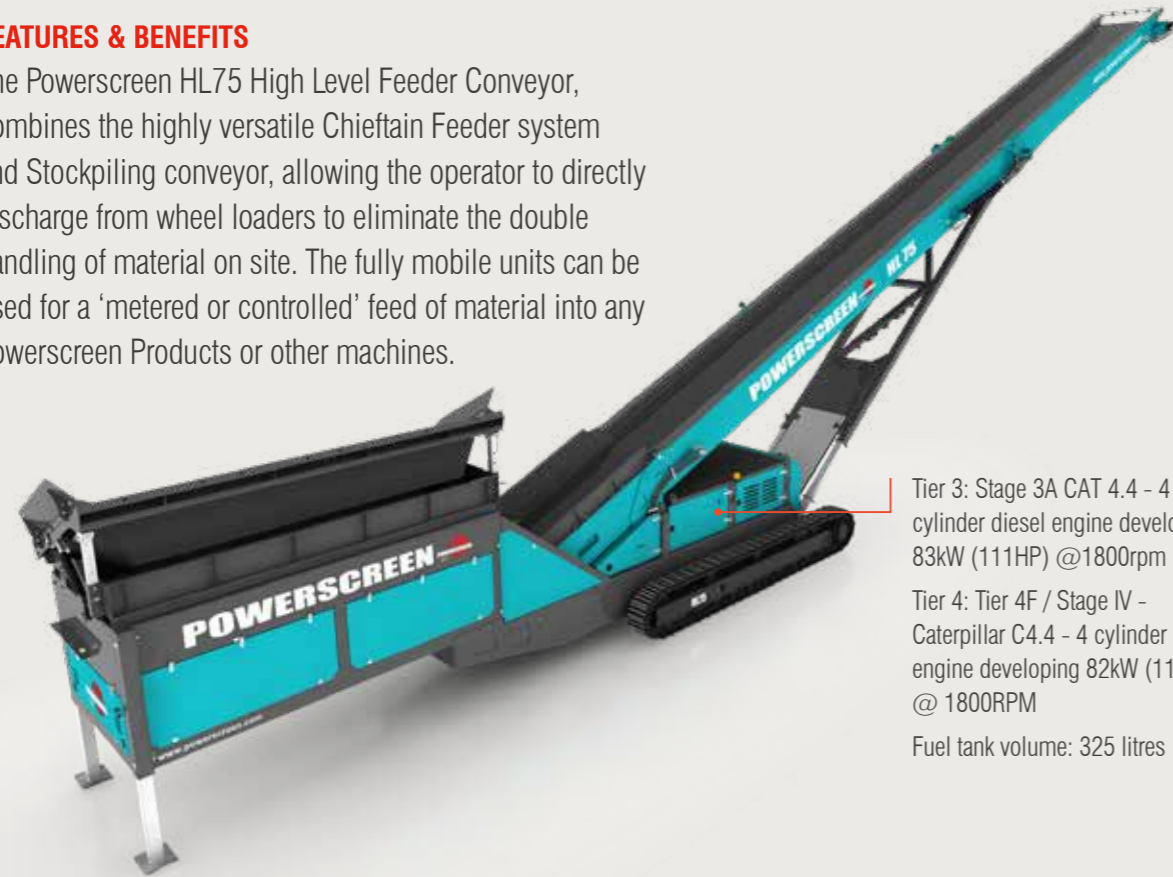
OPTIONS

Canvas dust covers on discharge conveyor
Canvas dust covers complete with dust hood on discharge conveyor
Twin drive discharge conveyor
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 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
Hopper lined 6mm wearplate
Hopper flares lined 6mm wearplate
Mild steel liners bolted into hopper

HL75 HIGH LEVEL FEEDER

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.



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

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" 2 x High Cube Containers

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)**

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
Pull Cord E-stop running length of discharge Conveyor
Radio remote to Track machine
Telemetry
Feedboot lined 6mm wearplate
Twin drive feed conveyor
4" or 6" tipping grid fitted to feed conveyor

LL75 LOW LEVEL FEEDER

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.



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

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" 2 x High Cube Containers

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)**

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

POWERSCREEN CONTACT DETAILS

Dungannon

200 Coalisland Road, Dungannon,
Co Tyrone, BT71 4DR, Northern Ireland
Tel: +44 (0) 28 87 718 500
Fax: +44 (0) 28 87 747 231

Louisville

11001 Electron Drive,
Louisville, Kentucky, 40299 USA
Tel: +1 502 736 5200
Fax: +1 502 736 5202

www.powerscreen.com

Email: sales@powerscreen.com

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