

POWERSCREEN® CONVEYOR RANGE



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CT50 & CT60 TRACKED CONVEYORS

FEATURES & BENEFITS

The Powerscreen CT50 & CT60 tracked stacker conveyors are easy to transport well suited to aggregate and quarrying applications. A 36" (900mm) wide belt allows for 400-500tph depending on material and bulk density.

TRANSPORT DIMENSIONS	CT50	CT60
Length	11.87m (38' 11")	11.87m (38' 11")
Width	2.69m (8' 10")	2.69m (8' 10")
Height	2.24m (7' 4")	2.24m (7' 4")
Weight (Est.)	8,000kg (17,637lbs)	9,000kg (30,468bs)
Containerised shipping	40' x 9' 6" High Cube Container	40' x 9' 6" High Cube Container

CONVEYOR DETAILS	CT50	CT60
Conveyor length	15.24m (50')	15.24m (50')
Belt width	900mm (36")	900mm (36")
Discharge height	5.79m (19') @18°	6.7m (21' 11") @18°
Max. discharge height	6.93m (22' 9") @24°	8.16m (26' 9") @24°
Production capacity	Up to 500+TPH (551+ US TPH)	Up to 500+TPH (551+ US TPH)

OPTIONS*	CT65	CT80
Dual Power (Electric/Hydraulic - Diesel/Hydraulic)	•	•
Heavy duty 4 ply belt	•	•
Chevron Belt (C15/C25)	•	•
Front extensions for feedboot	•	•
Rubber lined extended feedboot 10mm or 15mm	•	•
Hardox lined extended feedboot 6mm	•	•
Cordless remote control tracking	•	•
Under guarding Cover	•	•
Basket guards	•	•
Manual jacking legs	•	•
Anti roll back flaps	•	•

* Additional options are available.



CT65 & CT80 TRACKED CONVEYORS

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	2.25m (7' 4")	2.25m (7' 4")
Height	2.65m (8' 8")	2.88m (9' 5")
Weight (Est.)	13,820kgs (30,467lbs)	16,750kgs (36,927lbs)
Containerised shipping	40' x 9' 6" High Cube Container	40' x 9' 6" High Cube Container

CONVEYOR DETAILS	CT65	CT80
Conveyor length	19.79m (64' 11")	22.8m (74' 10")
Belt width	1050mm (42")	1050mm (42")
Discharge height	9.1m (29'10") @ 24°	9.9m (32' 5") @ 24°
Max. discharge height	9.45m (31') @ 28°	10.41m (34'1") @ 25°
Production capacity	Up to 500+TPH (551+ US TPH)	Up to 500+TPH (551+ US TPH)

OPTIONS*	CT65	CT80
Feedboot liners: AR400 plate or 20mm rubber	▪	▪
Feedboot extension with liners	▪	▪
Large capacity biomass hopper	▪	▪
Chevron belt	▪	▪
Twin hydraulic drive discharge conveyor	▪	▪
Aluminium dust covers	▪	▪
Spray bar at head drum	▪	▪
Full length skirting rubber	▪	▪
Overband magnet with hydraulic kit and support frames	▪	▪
Hybrid complete with hydraulic and electric conveyor drive (400 TPH)	▪	▪
Twin Electric Drive 2 x 11kw motors (Hydraulic Conveyor Drive Removed) (400 tph)	▪	▪
Radio Remote to track machine	▪	▪
Pulse Telematics	▪	▪

* Additional options are available.

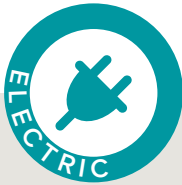


Containerised shipping, Track in / Track out. No crane required.



Tier 3: Deutz D2011 L041 36.4kW (48hp)
Tier 4F: Cat C2.2 55kW (73hp)
Stage V: Cat C2.2 55kW (73hp)
Fuel tank volume 200L (53 US GAL)

CW80 RADIAL CONVEYOR



FEATURES & BENEFITS

The Powerscreen CW80 radial conveyor is designed to be one of the most cost efficient and effective ways of stockpiling material on the market. Available in either Pit or Road towable variants, the Powerscreen CW80 offers a variety of different options which means it can meet the requirements of almost all applications. This simple but efficient radial conveyor is available in both electric and hydraulic drive systems and can be tailored to meet operator needs. Key applications include quarrying, aggregates and mining.



TRANSPORT DIMENSIONS	ROAD TOWABLE	PIT PORTABLE
Length	16.17m (52' 11")	16.55m (54' 3")
Width	2.5m (8' 3")	3.1m (10' 2")
Height	3.36m (11')	3.95m (12' 11")
Max Weight (with full options):	10,000kgs (22,046lbs)	
Containerised shipping	2x CW80 per 40' x 9' 6" High Cube Container	

CONVEYOR DETAILS	CW80 RADIAL
Discharge conveyor length	22.85m (74' 10")
Belt width	914mm (36")
Max. discharge height	9.95m (32' 7") @ 23°
Production capacity	Up to 300 TPH (336 US TPH)

OPTIONS*
Pull cord E-Stop
Feedboot Lined 6mm wearplate
Feedboot extensions
Chevron Belt
Heavy Duty Belt
Conveyor underguard length of mid-section
Canvas dust covers
Hydraulic angle adjust
Hydraulic fold over for transport
Hydraulic axle jacking legs (Std. with Road Chassis)
Single radial wheel drive
Spray bar at head drum
Low level greasing
Pulse Telematics

CT100 TRACKED CONVEYOR

FEATURES & BENEFITS

The Powerscreen CT100 stockpiler, builds on the hugely successful Powerscreen CT65 & CT80 conveyors. The extra length of conveyor, and increased 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. The Conveyor is 100ft long and still retains the ability to be transported worldwide in a 40ft container.



TRANSPORT DIMENSIONS	CT100
Length	11.9m (39')
Width	2.84m (9' 4")
Height	3.43m (11' 3")
Weight (Est.)	21,800kg (48,060lbs)
Containerised shipping	40' x 9' 6" High Cube Container

CONVEYOR DETAILS	CT100
Conveyor length	30.1m (98' 9")
Belt width	1050mm (42")
Discharge height	10.1m (33' 1") @ 18°
Max. discharge height	13.1m (43' 11") @ 25°
Production capacity	Up to 600TPH (661 US TPH)

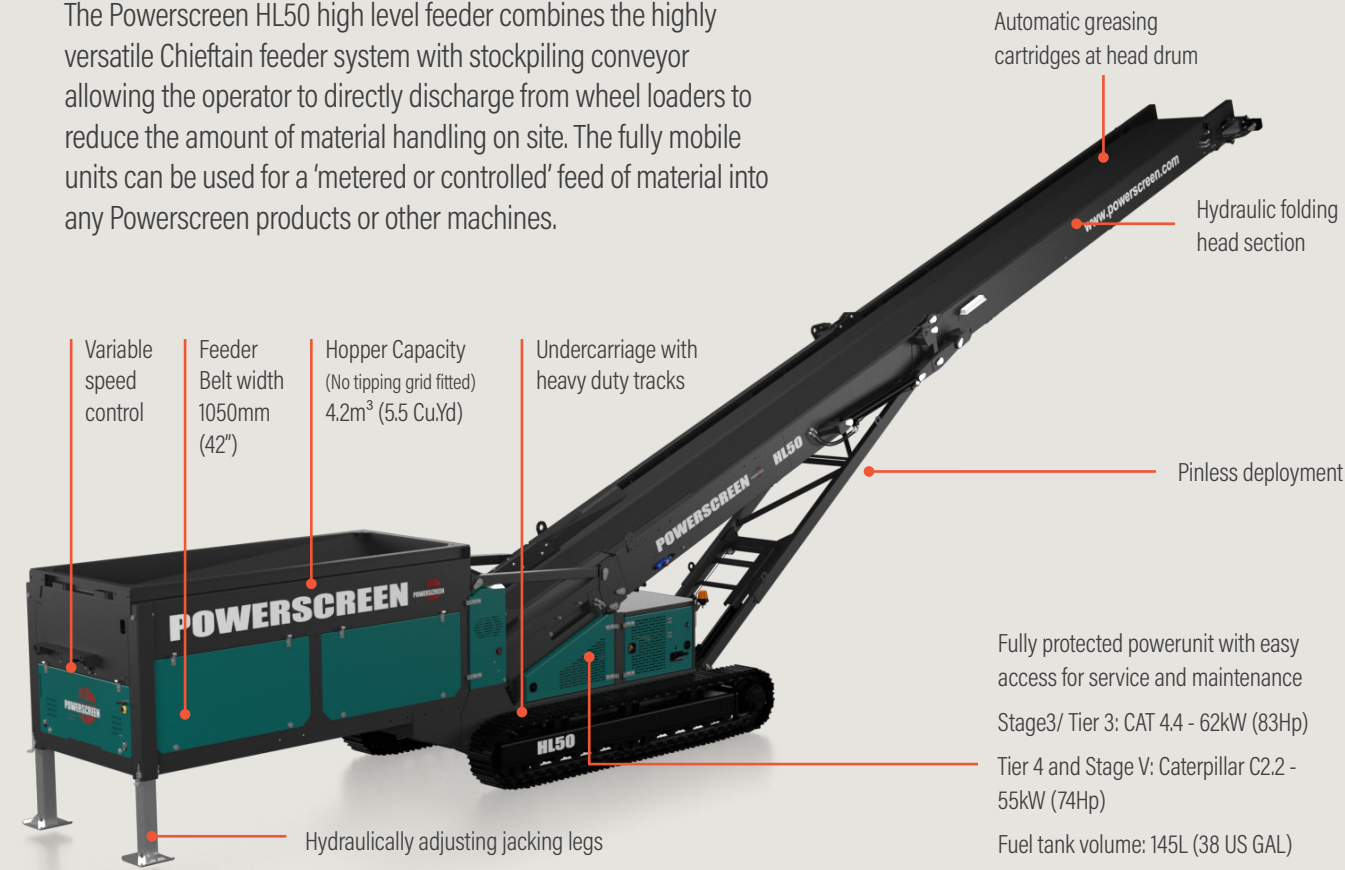
OPTIONS*
Feedboot liners: AR400 plate or 20mm rubber
Feedboot extension with liners
Impact bed at feedboot area
Anti-roll back flaps
Chevron belt
Heavy duty plain belt
Twin hydraulic drive discharge conveyor
High spec scraper on discharge conveyor at head drum
Dust hood
Canvas dust covers
Dust suppression water spray bar at head drum
Full length skirting rubber
Overband magnet with hydraulic kit and support frames
Grease lines to head drum bearings on discharge conveyor
Radio remote to track machine
Pulse Telematics

**Contact factory for availability

HL50 HIGH LEVEL FEEDER

FEATURES & BENEFITS

The Powerscreen HL50 high level feeder combines the highly versatile Chieftain feeder system with stockpiling conveyor allowing the operator to directly discharge from wheel loaders to reduce the amount of material handling 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	HL50 HIGH LEVEL FEEDER
Length	12.16m (39' 11")
Width	2.29m (7' 6")
Height	2.55m (8' 4")
Weight (Est.)	12,500kg (27,558lbs) (Standard)
Containerised shipping	40' x 9' 6" 1 x High Cube Container

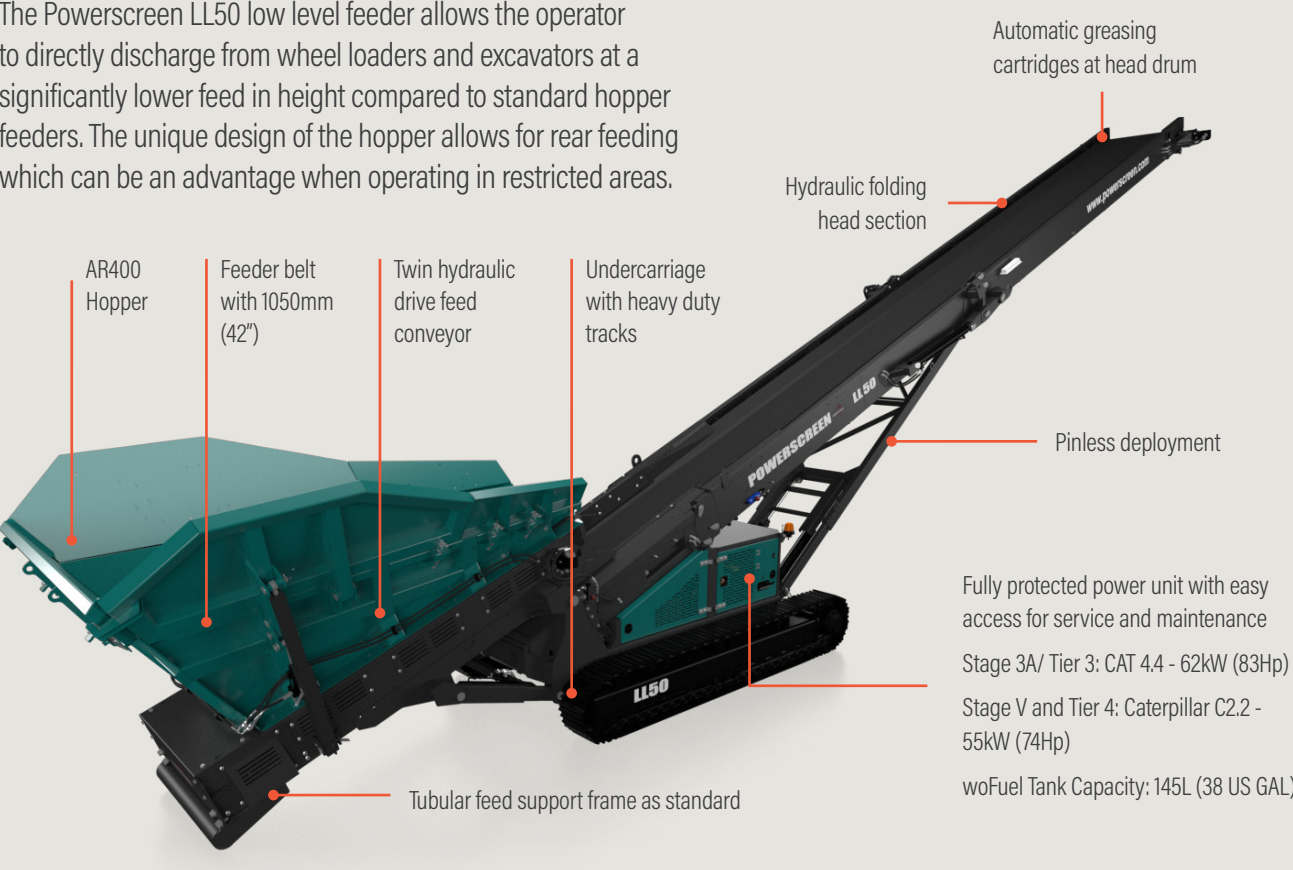
CONVEYOR DETAILS	HL50 HIGH LEVEL FEEDER
Discharge conveyor length	15.6m (51' 2")
Feeder length	4.1m (13' 11")
Belt width	1050mm (42")
Discharge height	5.9m (19' 4") @ 18°
Max. discharge height	7.2m (23' 7") @ 24°
Production capacity	Up to 450TPH (496 US TPH)

OPTIONS*
Single Deck Vibrating Grid
Dust Hood
Canvas Dust Covers complete with dust hood on discharge conveyor
Full Length Skirting rubber along discharge conveyor
High spec head drum scraper on discharge conveyor (plain belt only)
Anti- Roll back flaps
Heavy duty plain discharge belt
Discharge Conveyor under guard for mid-section
Spray bar at head drum
Belt Weigher
Overband magnet on discharge conveyor complete with hydraulic kit and support frames
Radio Remote to start/stop feeder, discharge conveyor and track
Radio Remote to raise/lower discharge conveyor & tipping grid
Pull cord E-Stop running the length of the conveyor
12ft tipping grid 4", 5" or 6" grid cassette
500mm (20") or 700mm (28") hopper extensions with fall break system in hopper
Chevron belt on discharge conveyor
Grade ISO 68 hydraulic oil (recommended for temperatures between +15 and +50 degrees Celsius)
Grease lines to head drum
Powerscreen Pulse : Via Spares only - cannot be selected from factory

LL50 LOW LEVEL FEEDER

FEATURES & BENEFITS

The Powerscreen LL50 low level feeder 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 restricted areas.



TRANSPORT DIMENSIONS	LL50 LOW LEVEL FEEDER
Length	12.2m (40' 1")
Width	2.77m (9' 1")
Height	2.55m (8' 4")
Weight (Est.)	13,240kg (29,189lbs) (Standard)
Containerised shipping	40' x 9' 6" 1 x High Cube Container

CONVEYOR DETAILS	LL50 LOW LEVEL FEEDER
Discharge conveyor length	15.6m (51' 2")
Feeder length	4.1m (13' 11")
Belt width	1050mm (42")
Discharge height	5.9m (19' 4") @ 18°
Max. discharge height	7.2m (23' 7") @ 24°
Production capacity	Up to 450TPH (496 US TPH)

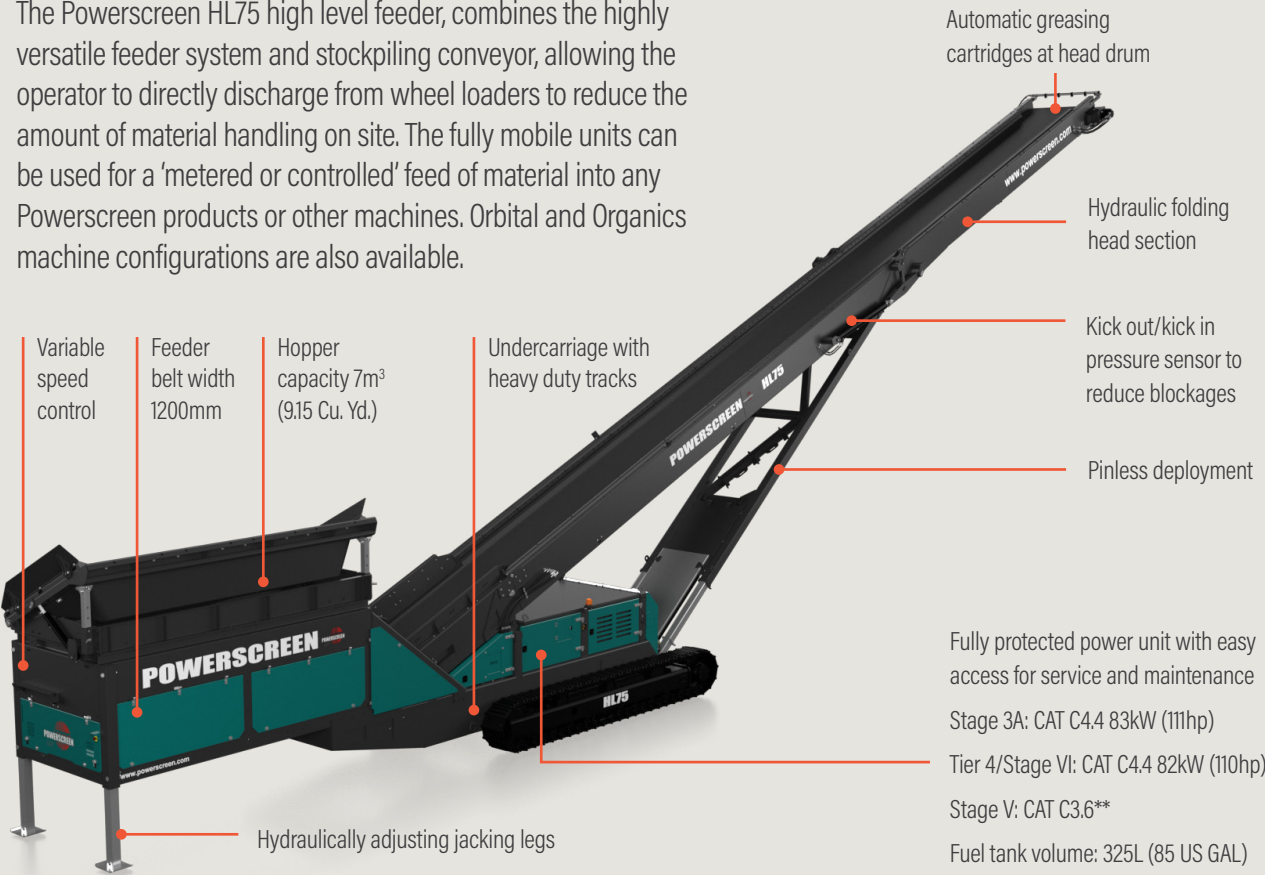
OPTIONS*
Dust hood.
Canvas dust covers complete with dust hood on discharge conveyor.
Full length skirting rubber on discharge conveyor.
High spec head drum scraper on discharge conveyor (plain belt only).
Anti-roll back flaps.
Heavy duty plain belt on discharge conveyor EP500 3 Ply x 5 + 2 covers.
Discharge conveyor under guard length of mid-section.
Spray bar at head drum.
Belt weigher.
Overband magnet on discharge conveyor complete with hydraulic kit and support frames.
Radio remote to start / stop feed conveyor, start / stop discharge conveyor & tracking.
Radio remote raise / lower discharge conveyor & raise / lower feed conveyor.
Pull cord E-Stop running the length of the conveyor.
Chevron belt for discharge conveyor EP315 3 Ply x 3 + 1.5 covers
Grade ISO 68 hydraulic oil (recommended for ambient temperatures of +15 - +50 degrees Celsius).
Grease lines to head drum.
Integrated fall break system bolted into hopper with adjustable feed hopper outlet door.
Feeder discharge door with integrated fall break
Powerscreen Pulse - via Spares only - cannot be selected from Factory.

HL75 HIGH LEVEL FEEDER



FEATURES & BENEFITS

The Powerscreen HL75 high level feeder, combines the highly versatile feeder system and stockpiling conveyor, allowing the operator to directly discharge from wheel loaders to reduce the amount of material handling on site. The fully mobile units can be used for a ‘metered or controlled’ feed of material into any Powerscreen products or other machines. Orbital and Organics machine configurations are also available.



TRANSPORT DIMENSIONS	HIGH LEVEL FEEDER
Length	19.5m (63' 11")
Width	2.75m (9')
Height	3.12m (10' 2")
Weight (Est.)	23,500kg (51,808lbs)
Containerised shipping	40' x 9' 6" 2 x High Cube Containers

CONVEYOR DETAILS	HIGH LEVEL FEEDER
Discharge conveyor length	22.5m (73' 10")
Feeder length	4.1m (13' 11")
Belt width	1200mm (48")
Discharge height	8m (26' 3") @ 18°
Max. discharge height	9.8m (32' 2") @ 24°
Production capacity	Up to 600+TPH (661 US TPH)

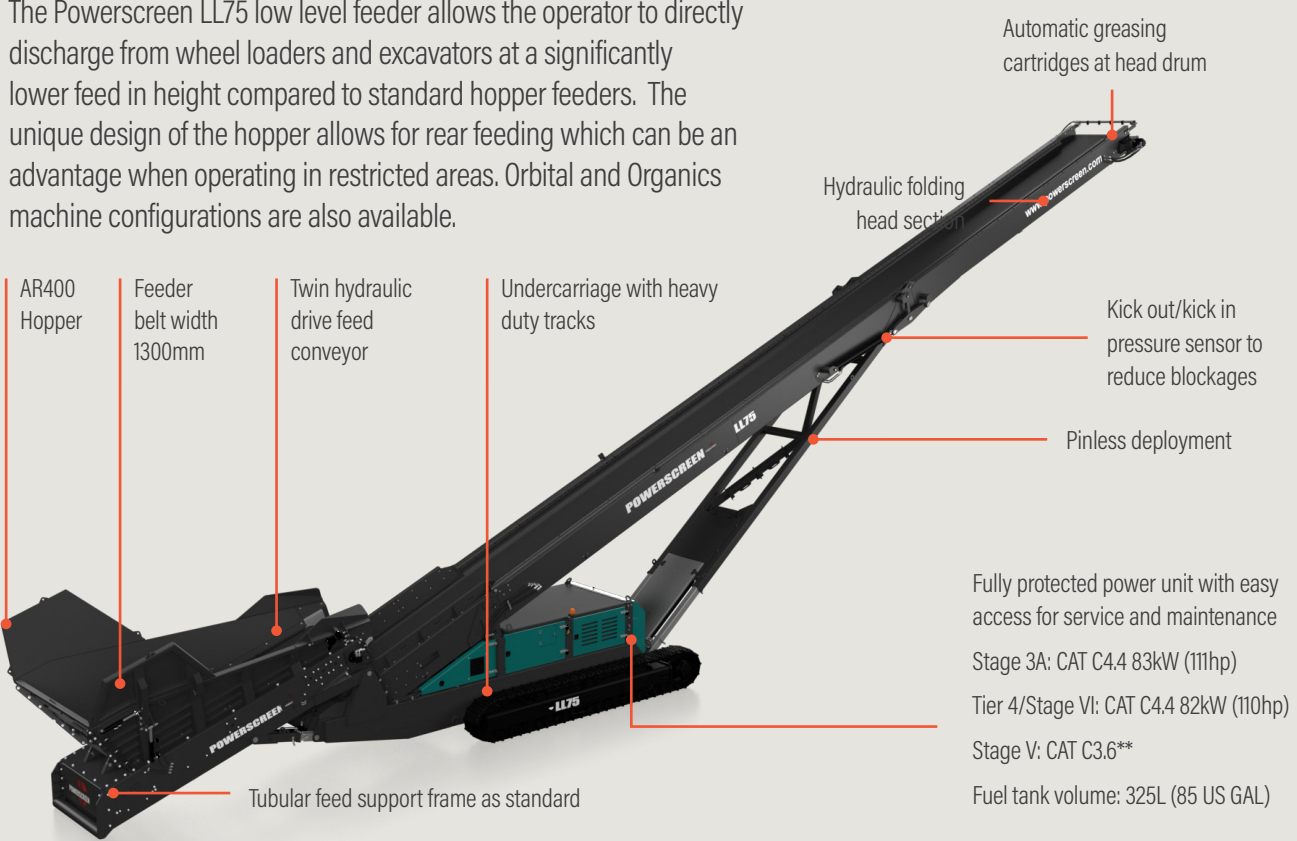
OPTIONS*
AR400 steel wear liners in hopper
4" or 6" tipping grid fitted to feed conveyor
12ft 2-Deck vibrating grid with radio control tipping bofor grid
Upgraded hopper with integrated fall break system
Twin hydraulic drive feed conveyor
Twin Hydraulic Drive Discharge Conveyor
Discharge conveyor drive drum upgraded to ceramic lagging
Discharge conveyor fitted with chevron belt
High spec SCS scraper discharge conveyor at head drum
Canvas dust covers complete with dust hood on discharge conveyor
Dust suppression water spray bar at head drum on discharge conveyor
Full length skirting rubber along discharge conveyor
Belt weigher option
Overband magnet on discharge conveyor with hydraulic kit and support frames
Hybrid
Radio remote to stop/start feed conveyor, raise/lower discharge conveyor and tip grid
Radio remote to track machine
Pulse Telematics

LL75 LOW LEVEL FEEDER



FEATURES & BENEFITS

The Powerscreen LL75 low level feeder 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 restricted areas. Orbital and Organics machine configurations are also available.



TRANSPORT DIMENSIONS	LOW LEVEL FEEDER
Length	19.74m (64' 9")
Width	2.75m (9')
Height	3.35m (11')
Weight (Est.)	24,700kg (54,454lbs)
Containerised shipping	40' x 9' 6" 2 x High Cube Containers

CONVEYOR DETAILS	LOW LEVEL FEEDER
Discharge conveyor length	22.5m (73' 10")
Feeder length	4.1m (13' 11")
Belt width	1300mm (4' 3')
Discharge height	8m (26' 3") @ 18°
Max. discharge height	9.8m (32' 2") @ 24°
Production capacity	Up to 600+TPH (661 US TPH)

OPTIONS*
AR400 steel liners bolted into hopper
AR400 steel wear liners on hopper flares
Large capacity hopper
Feedboot lined with 6mm AR400 wearplate
Feed conveyor drive drum upgraded to ceramic lagging
Manually adjusting jacking legs
Discharge conveyor drive drum upgraded to ceramic lagging
Twin hydraulic drive discharge conveyor
Discharge conveyor fitted with chevron belt
High spec SCS scraper discharge conveyor at head drum
Canvas dust covers complete with dust hood on discharge conveyor
Spray bar at head drum on discharge conveyor
Full length skirting rubber along discharge conveyor
Belt weigher
Overband magnet on discharge conveyor with hydraulic kit and support frames
Hybrid
Radio remote to stop/start feed conveyor and raise/lower discharge conveyor
Radio remote to track machine
Pulse Telematics

CT60R TRACKED RADIAL CONVEYOR

FEATURES & BENEFITS

The Powerscreen CT60R is 60’ (18m) long and provides a compact stacking conveyor that still provides significant stockpile capacity. The CT60R features a stockpile capacity of 5982yd3 (4574m3) and a tonnage rate of 400-500tph, depending on material and bulk density.



TRANSPORT DIMENSIONS	HIGH LEVEL FEEDER
Length	11.99m (39' 4")
Width	2.58m (8' 5.5")
Height	2.23m (7' 4")
Weight (Est.)	8,000kg (30,468bs)
Containerised shipping	40' x 9' 6" 2 x High Cube Containers

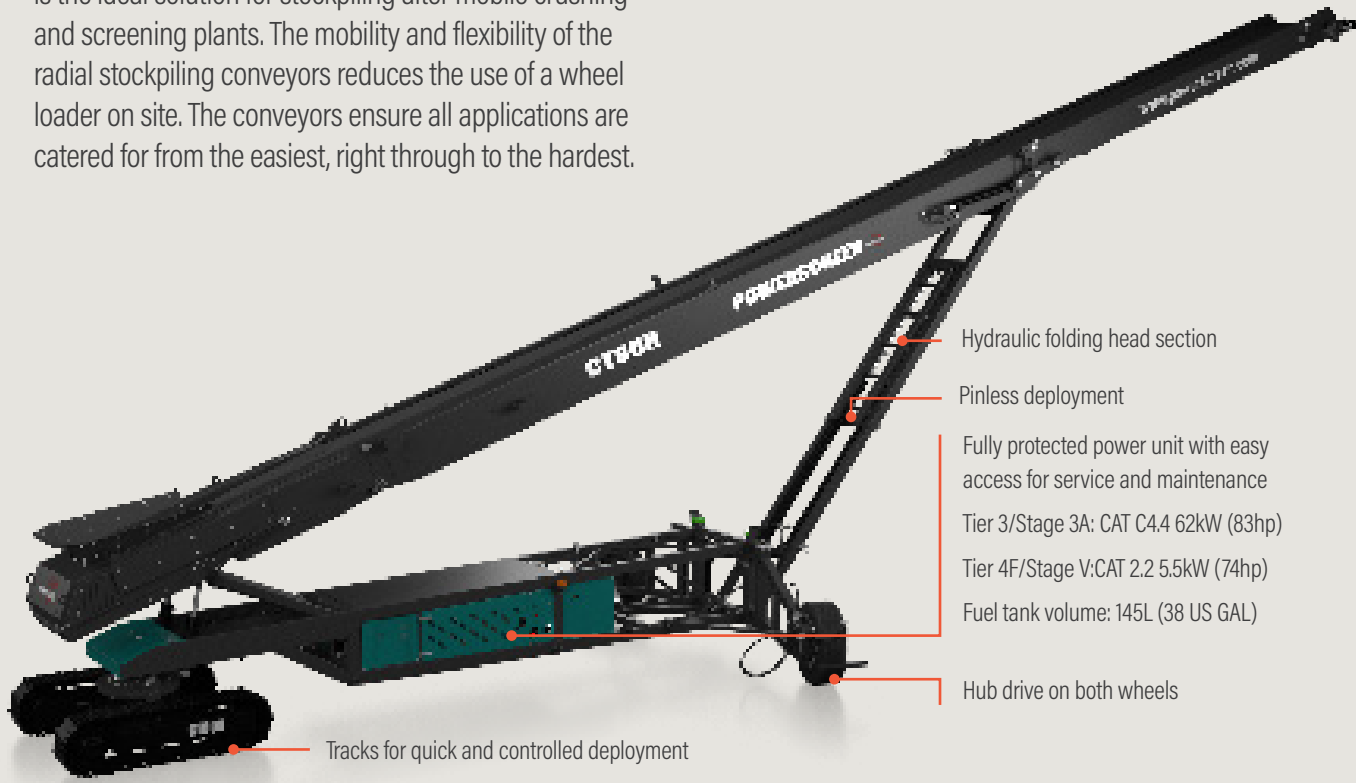
CONVEYOR DETAILS	HIGH LEVEL FEEDER
Discharge conveyor length	15.24m (50')
Feeder length	
Belt width	900mm (36")
Discharge height	6.8m (22' 4") @18°
Max. discharge height	8.44m (27' 8") @24°
Production capacity	Up to 500tph (551 US tph)

OPTIONS*
Dual Power (Electric/Hydraulic - Diesel/Hydraulic)
Heavy duty 4 ply belt
Chevron belt (C15/C25)
Under guarding cover
Basket guards
Anti roll backs
Fully auto radial
Fully auto machine - raise/lower conveyor , track, radial and start/stop belts
Twin Drive - 2 off OMV 400 motors
Dual drive electric/hydraulic set up
SCS primary scraper

CT80R TRACKED RADIAL CONVEYOR

FEATURES & BENEFITS

The Powerscreen CT80R 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 the use of a wheel loader on site. The conveyors ensure all applications are catered for from the easiest, right through to the hardest.



TRANSPORT DIMENSIONS	CT80R
Length	16.29m (53' 6")
Width	2.56m (8' 5")
Height	3.09m (10'2")
Weight (Est.)	16,020kg (35,318lbs)
Containerised shipping	40' x 9' 6" High Cube Container

CONVEYOR DETAILS	CT80R
Conveyor length	22.82m (74' 9")
Belt width	1050mm (42")
Discharge height	8.43m (27' 8")
Max. discharge height	10.18m (33' 5")
Production capacity	Up to 600TPH (661 US TPH)

OPTIONS*
Feedboot liners: AR400 plate or 20mm rubber
Feedboot extension with liners
Impact bed at feedboot area
Anti-roll back flaps
Chevron belt
Heavy duty plain belt
Twin hydraulic drive discharge conveyor
High spec discharge conveyor head drum scraper
Dust hood
Canvas dust covers
Dust suppression water spray bar at head drum
Full length skirting rubber
Grease lines to head drum bearings on discharge conveyor
Belt weigher
Radio remote to stop/start, raise/lower conveyor
Radio Remote to track machine
Auto radial & raise function
Pulse Telematics

CT-140R RADIAL CONVEYOR

FEATURES & BENEFITS

The TCS 36-140 Radial Telescopic Conveyor offers our customers a material handling solution for the quarrying, mining, terminal ports, and rail transportation industries. The flexibility and efficiency of this conveyor means it can be used in many applications for long and short term with strong resale value. Fully assembled, the unit is a towable road transport product and can also be broken down and packed into three 40ft shipping containers for effective global transportation.



TRANSPORT DIMENSIONS	ROAD TOWABLE	PIT PORTABLE
Length	27.26m (89' 5")	27.79m (91' 2")
Width	3.46m (11' 4")	3.28m (10' 9")
Height	4.33m (14' 2")	5.19m (17')
Max Weight (with full options):	27000kgs (59,525lbs)	
Containerised shipping	2x CW80 per 40' x 9' 6" High Cube Container	

CONVEYOR DETAILS	CT-140R RADIAL
Discharge conveyor length	42.45m (139' 3")
Belt width	900mm (36")
Max. discharge height	14.4m (47' 2") @ 18°
Production capacity	Up to 300 TPH (336 US TPH)

OPTIONS*
Belt Weigher
Pull Cord E-Stop
Feedboot extensions
Chevron Belt
Heavy Duty Belt
Conveyor underguard length of mid-section
Canvas dust covers
Hydraulic angle adjust
Hydraulic fold over for transport
Hydraulic axle jacking legs (Std. with Road Chassis)
Single radial wheel drive
Spray bar at head drum
Low level greasing
Working Lights



POWERSCREEN CONTACT DETAILS

Dungannon

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

Louisville

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

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www.powerscreen.com

Email: mail@powerscreen.com

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