

# POWERSCREEN® CONVEYOR RANGE



[www.powerscreen.com](http://www.powerscreen.com)



# 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.



Tier 3: Deutz DT011 36kW (45hp)  
Tier 4F: Deutz TD2.9 45kW (60hp)  
Stage V: Deutz TC 2.9 L4 45kW (60hp)  
Fuel tank volume 200L (58 US GAL)

# 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)

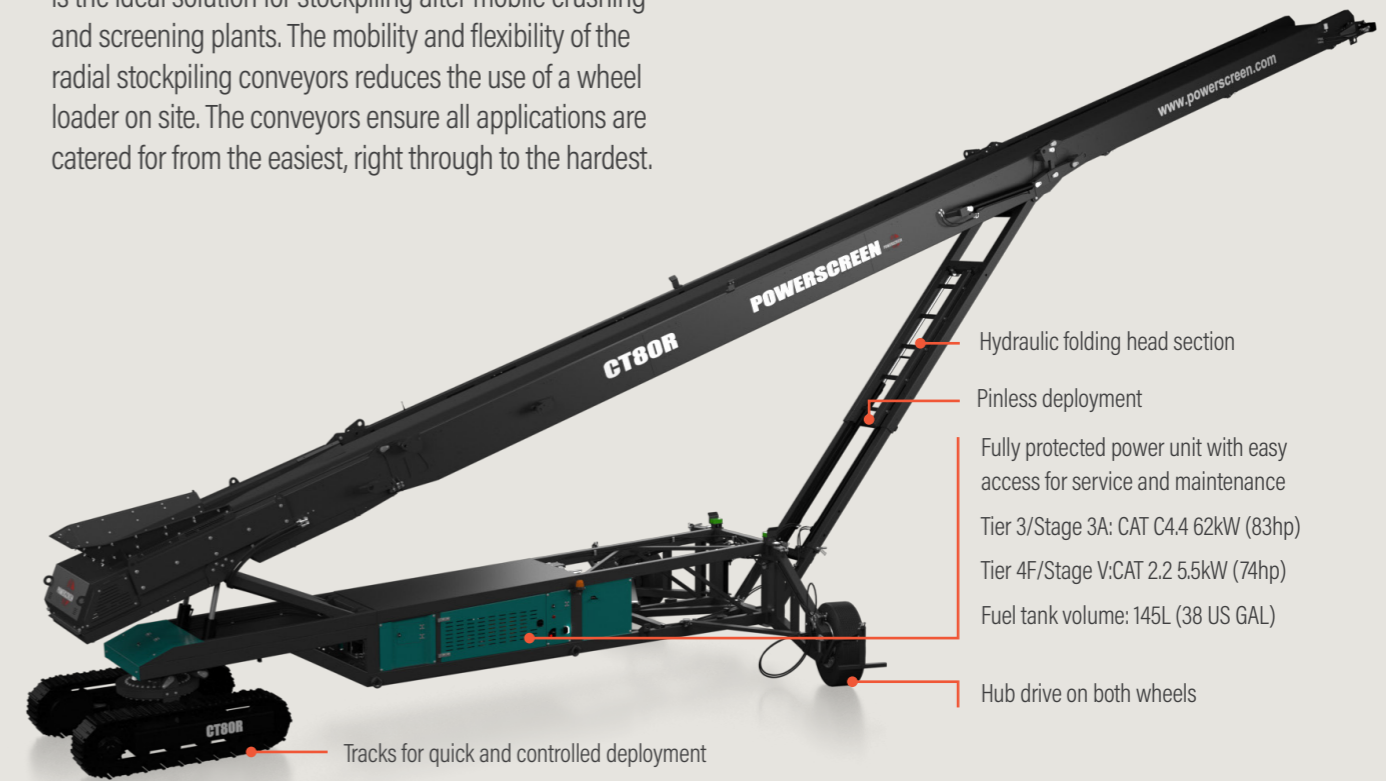
\*\*Contact factory for availability

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

# 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

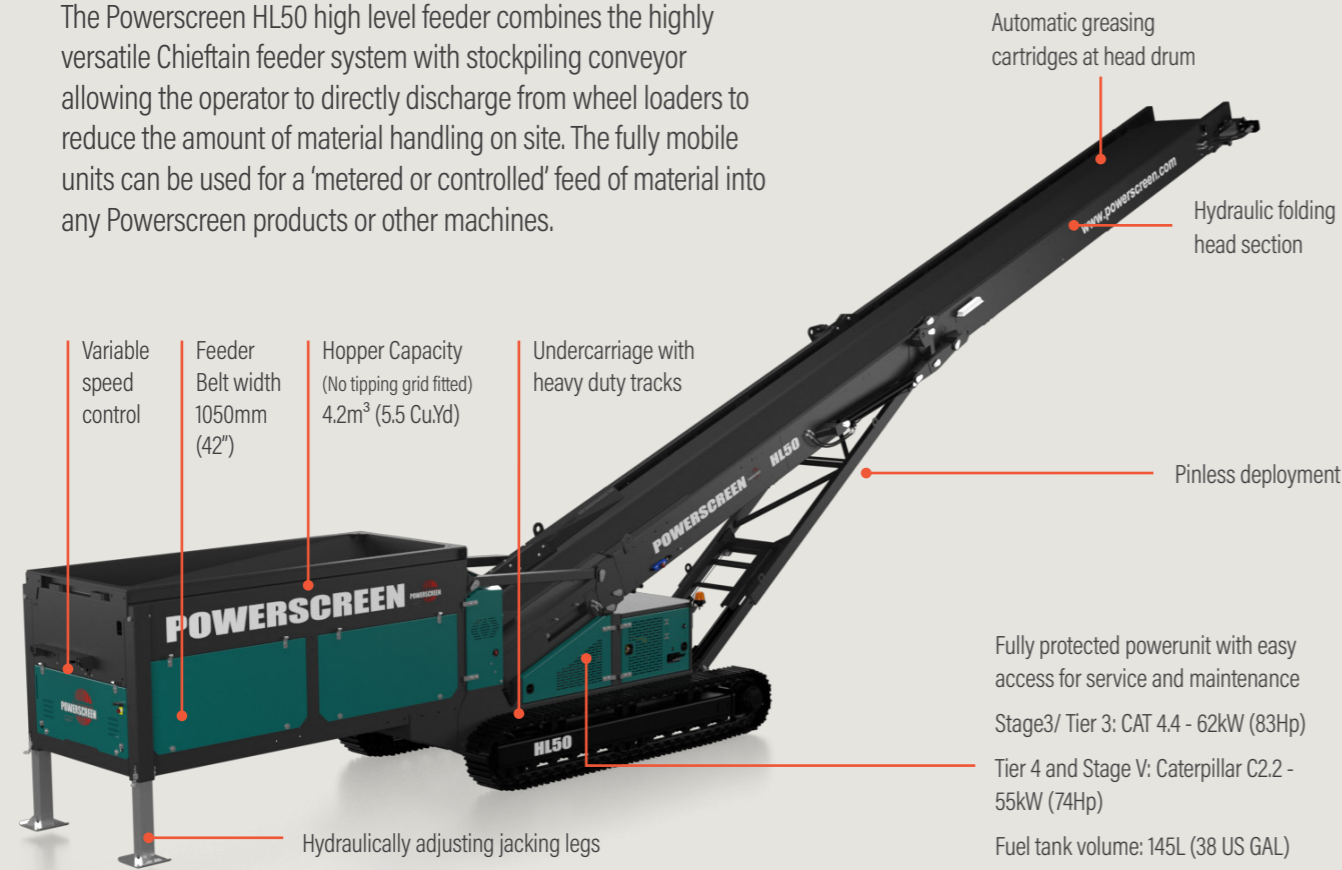
CONVEYOR DETAILS	CT80R
Conveyor length	22.82m (74' 9")
Belt width	1050mm (42")
Discharge height	8.43m (27' 8")
Max. discharge height	10.18m (33' 5")
Production capacity	Up to 600TPH (661 US TPH)

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

# 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)

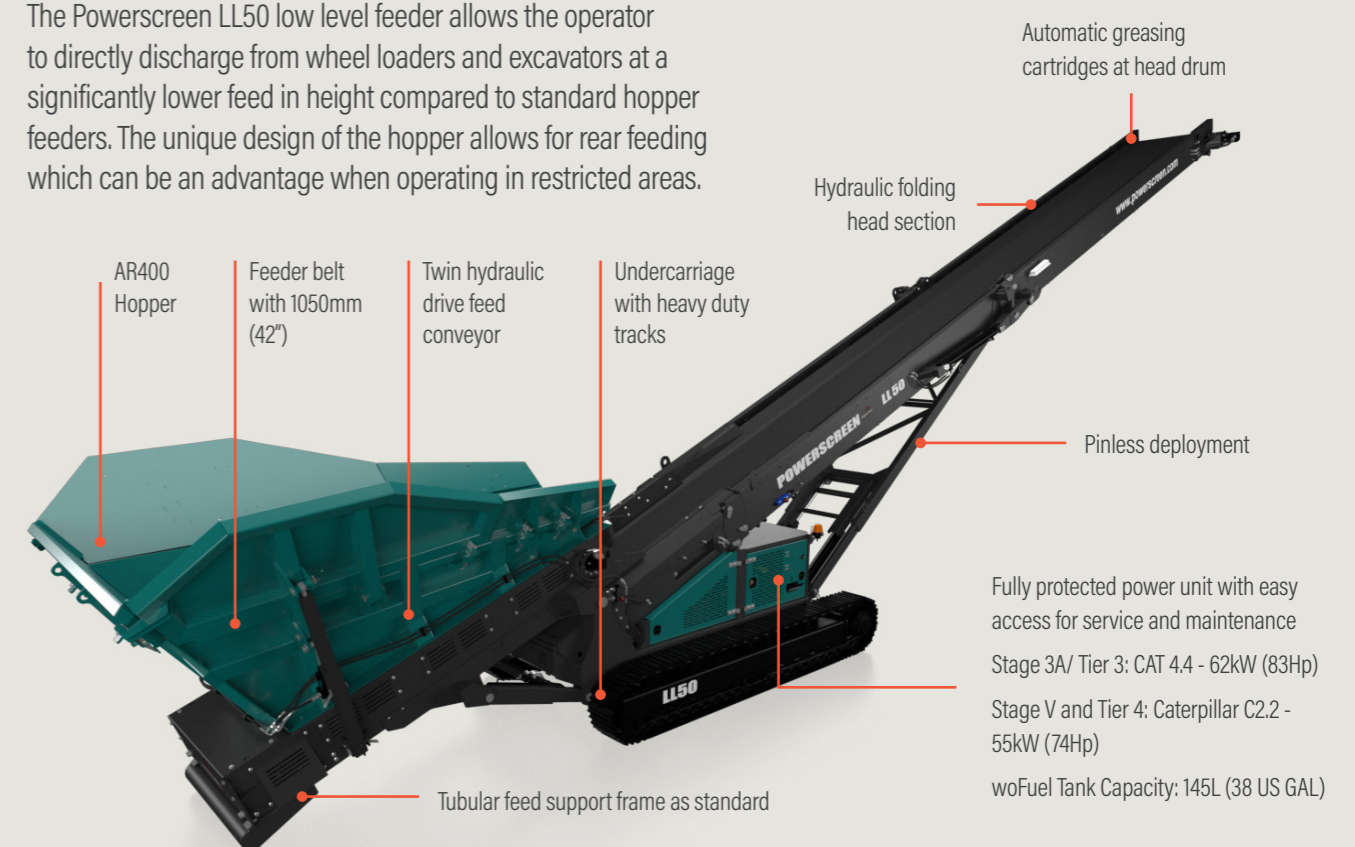
### OPTIONS\*

- 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\*

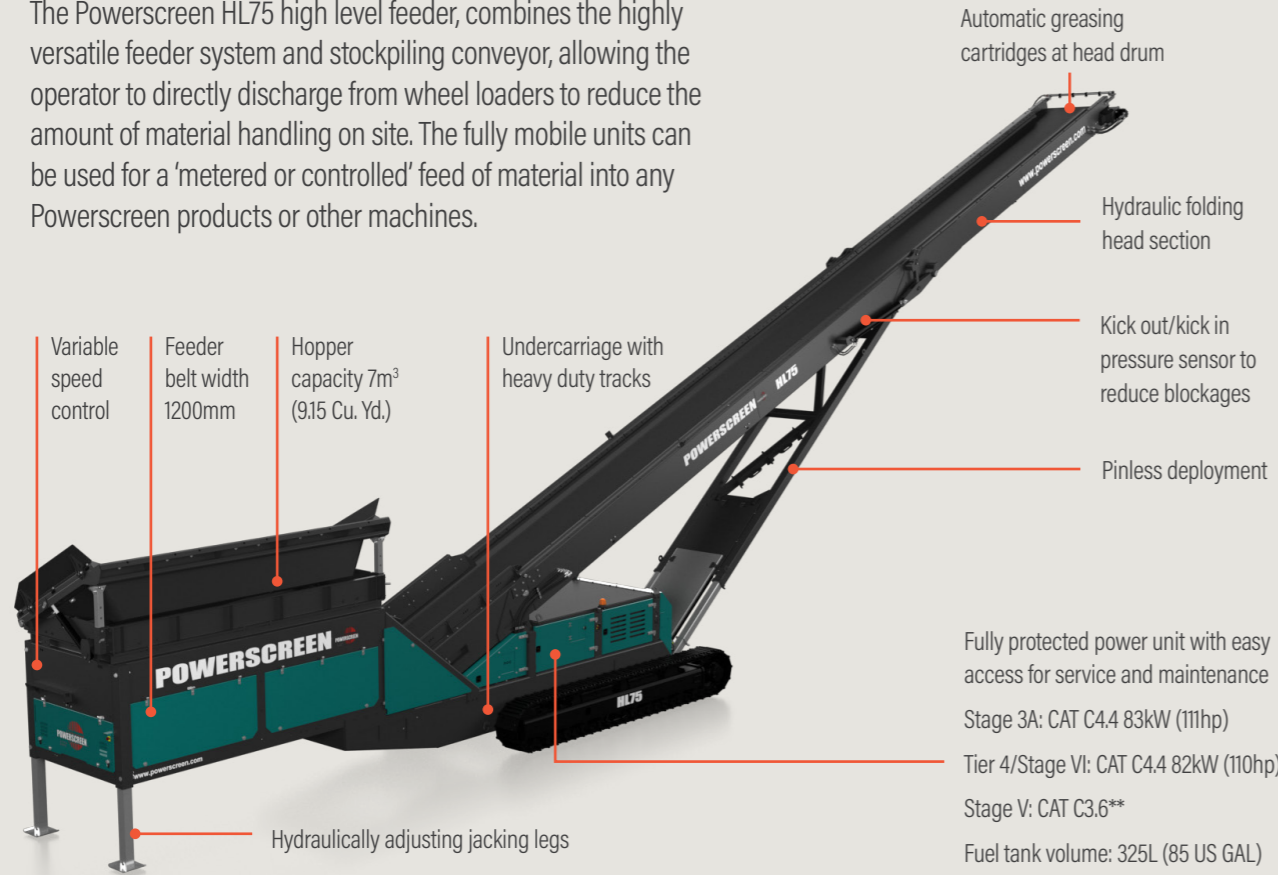
- Dust hood.
- Canvas dust covers complete with dust hood on discharge conveyor.
- Full length skirting rubber on discharge conveyor.
- High spec head drum scraper on discharge conveyor (plain belt only).
- Anti-roll back flaps.
- Heavy duty plain belt on discharge conveyor EP500 3 Ply x 5 + 2 covers.
- 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.



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)

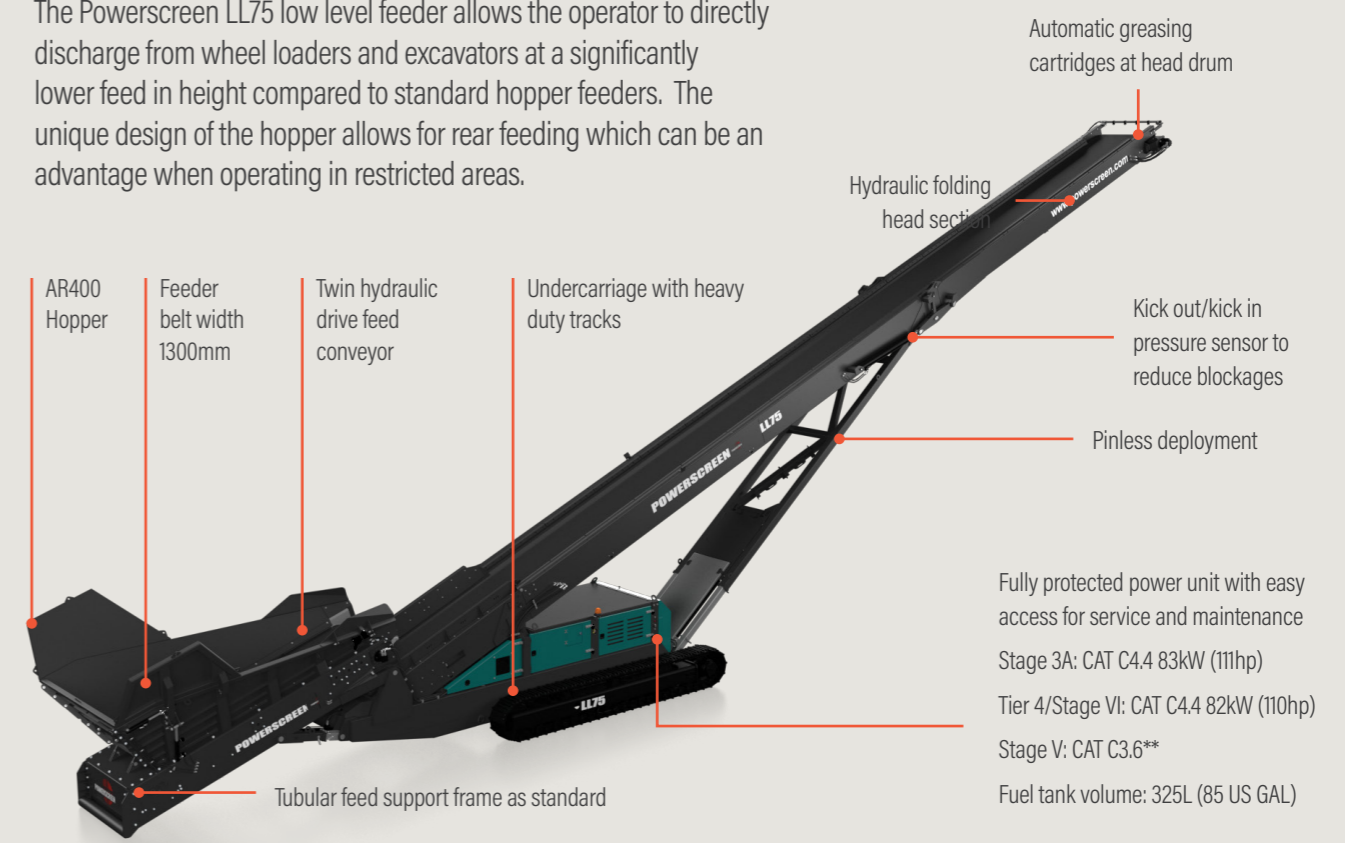
OPTIONS*
AR400 steel wear liners in hopper
4" or 6" tipping grid fitted to feed conveyor
12ft 2-Deck vibrating grid with radio control tipping bofor grid
Upgraded hopper with integrated fall break system
Twin hydraulic drive feed conveyor
Twin Hydraulic Drive Discharge Conveyor
Discharge conveyor drive 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.



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

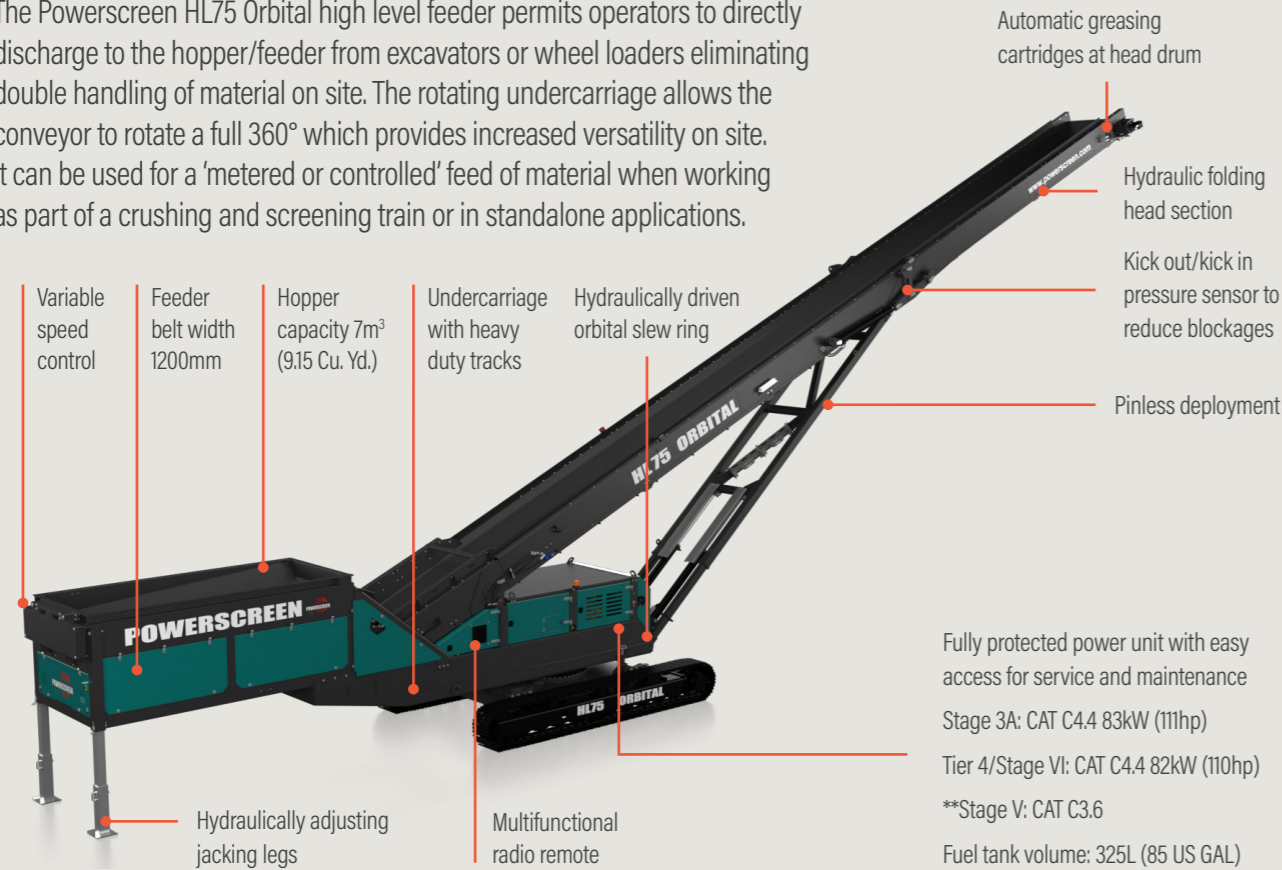
CONVEYOR DETAILS	LOW LEVEL FEEDER
Discharge conveyor length	22.5m (73' 10")
Feeder length	4.1m (13' 11")
Belt width	1300mm (4' 3")
Discharge height	8m (26' 3") @ 18°
Max. discharge height	9.8m (32' 2") @ 24°
Production capacity	Up to 600+TPH (661 US TPH)

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

# HL75 ORBITAL FEEDER

## FEATURES & BENEFITS

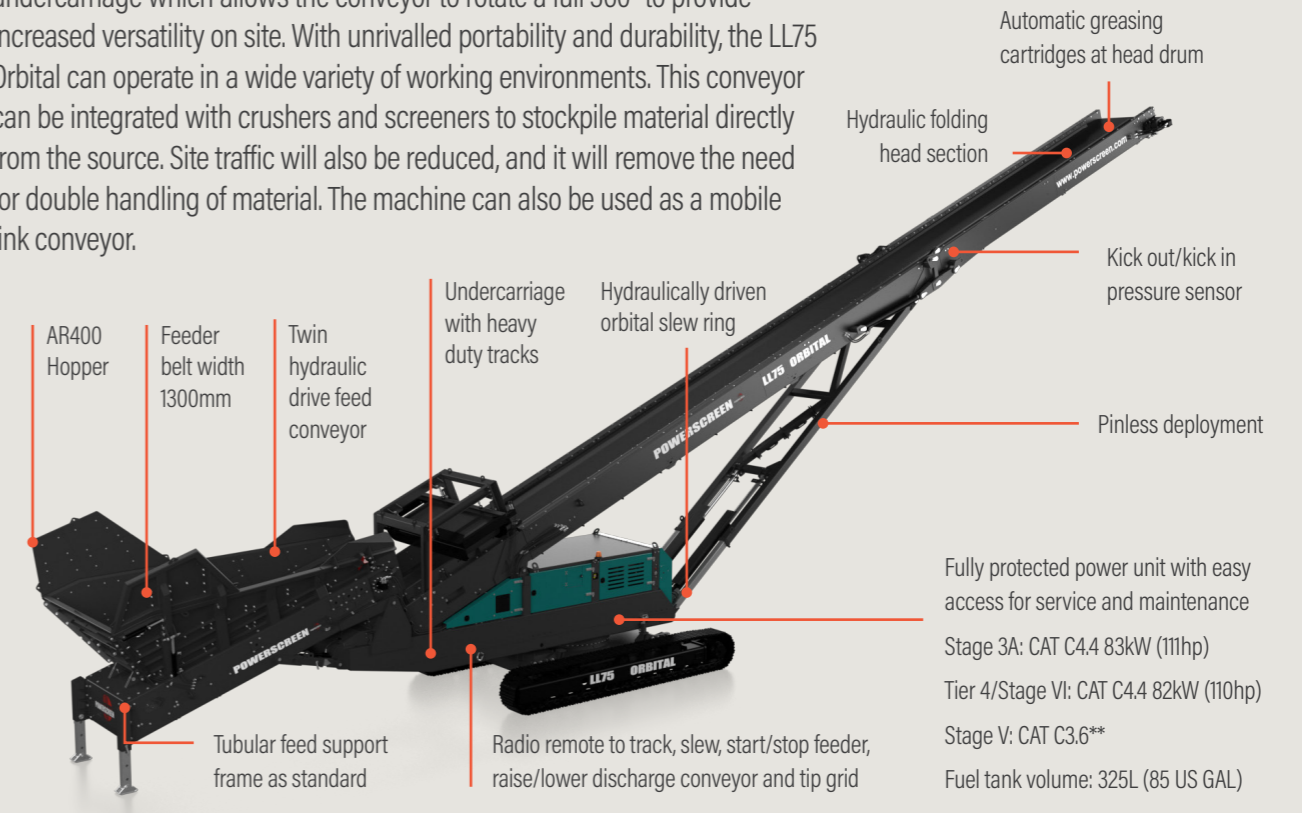
The Powerscreen HL75 Orbital high level feeder permits operators to directly discharge to the hopper/feeder from excavators or wheel loaders eliminating double handling of material on site. The rotating undercarriage allows the conveyor to rotate a full 360° which provides increased versatility on site. It can be used for a 'metered or controlled' feed of material when working as part of a crushing and screening train or in standalone applications.



# LL75 ORBITAL FEEDER

## FEATURES & BENEFITS

The Powerscreen LL75 Orbital low level feeder features a rotating undercarriage which allows the conveyor to rotate a full 360° to provide increased versatility on site. With unrivalled portability and durability, the LL75 Orbital can operate in a wide variety of working environments. This conveyor can be integrated with crushers and screeners to stockpile material directly from the source. Site traffic will also be reduced, and it will remove the need for double handling of material. The machine can also be used as a mobile link conveyor.



TRANSPORT DIMENSIONS	HL75 ORBITAL
Length	19.5m (63')
Width	3.2m (10' 6")
Height	3.63m (11' 11")
Weight (Est.)	29,300kg (64,595lbs)
Containerised shipping	40' x 9' 6" 2x High Cube Container

CONVEYOR DETAILS	HL75 ORBITAL
Discharge conveyor length	22.5m (73' 10")
Feeder length	4.1m (13' 11")
Belt width	1200 mm (48")
Discharge height	8.80m (28' 2") @ 18°
Max. discharge height	10.7m (34' 6") @ 24°
Production capacity	Up to 600+TPH (661 US TPH)

OPTIONS*
AR400 steel wear liners in hopper
4" or 6" tipping grid option
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
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
Pulse Telematics

TRANSPORT DIMENSIONS	LL75 ORBITAL
Length	19.7m (64' 8")
Width	3.2m (10' 6")
Height	3.63m (11' 11")
Weight (Est.)	29,550kg (65,146lbs)
Containerised shipping	40' x 9' 6" 2x High Cube Container

CONVEYOR DETAILS	LL75 ORBITAL
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	10.7m (35') @ 24°
Production capacity	Up to 600+TPH (661 US TPH)

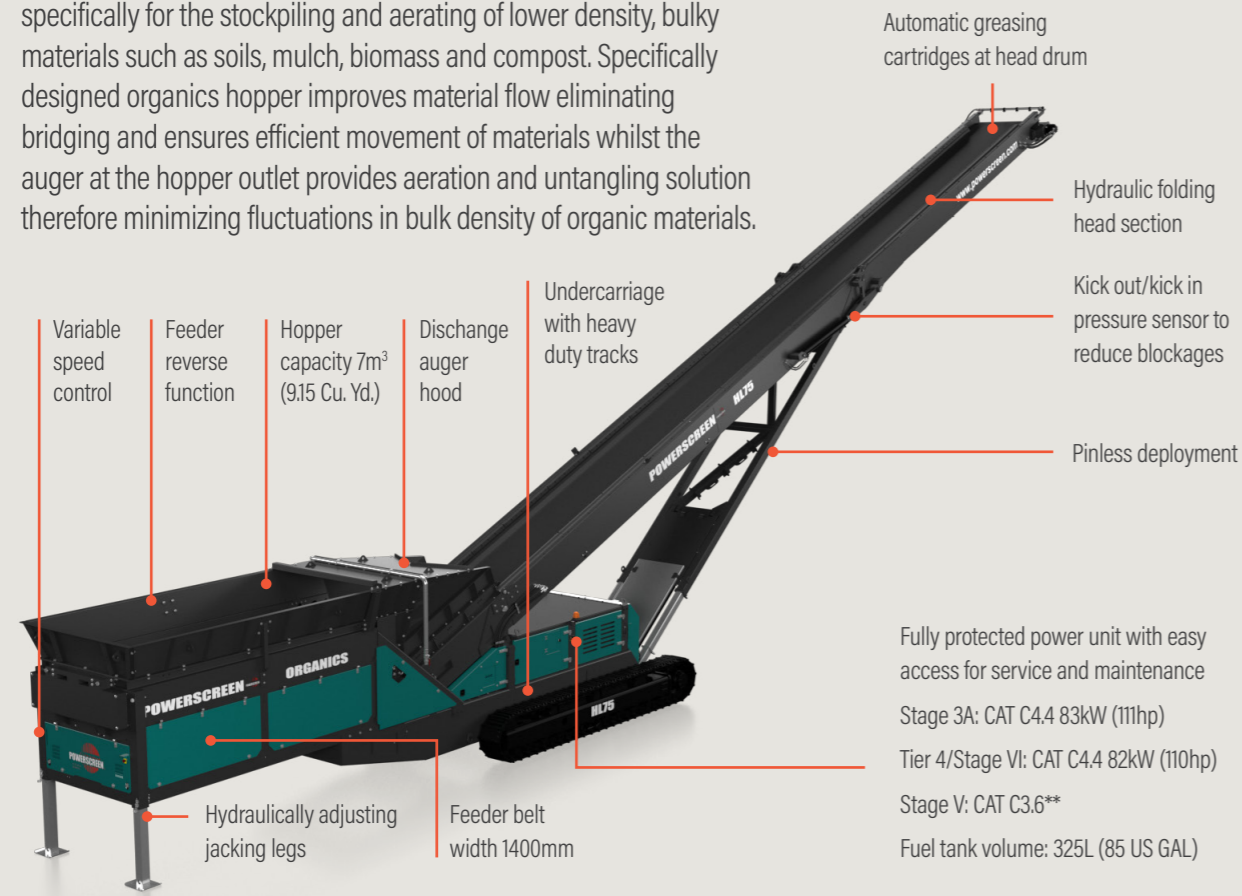
OPTIONS*
AR400 steel liners bolted into hopper
Large capacity hopper
Feedboot lined with AR400 wearplate
Feed conveyor drive drum upgraded to ceramic lagging
Manually adjusting jacking legs
Discharge conveyor drive drum upgraded to ceramic lagging
Twin hydraulic drive discharge conveyor
Discharge conveyor 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
Pulse Telematics

# HL75 ORGANIC FEEDER



## FEATURES & BENEFITS

The Powerscreen HL75 Organic feeder has been engineered specifically for the stockpiling and aerating of lower density, bulky materials such as soils, mulch, biomass and compost. Specifically designed organics hopper improves material flow eliminating bridging and ensures efficient movement of materials whilst the auger at the hopper outlet provides aeration and untangling solution therefore minimizing fluctuations in bulk density of organic materials.



TRANSPORT DIMENSIONS	HL75 ORGANIC
Length	19.5m (63')
Width	2.7m (8' 8")
Height	3m (9' 8")
Weight (Est.)	24,350kg (53,682)
Containerised shipping	40' x 9' 6" 2x High Cube Containers

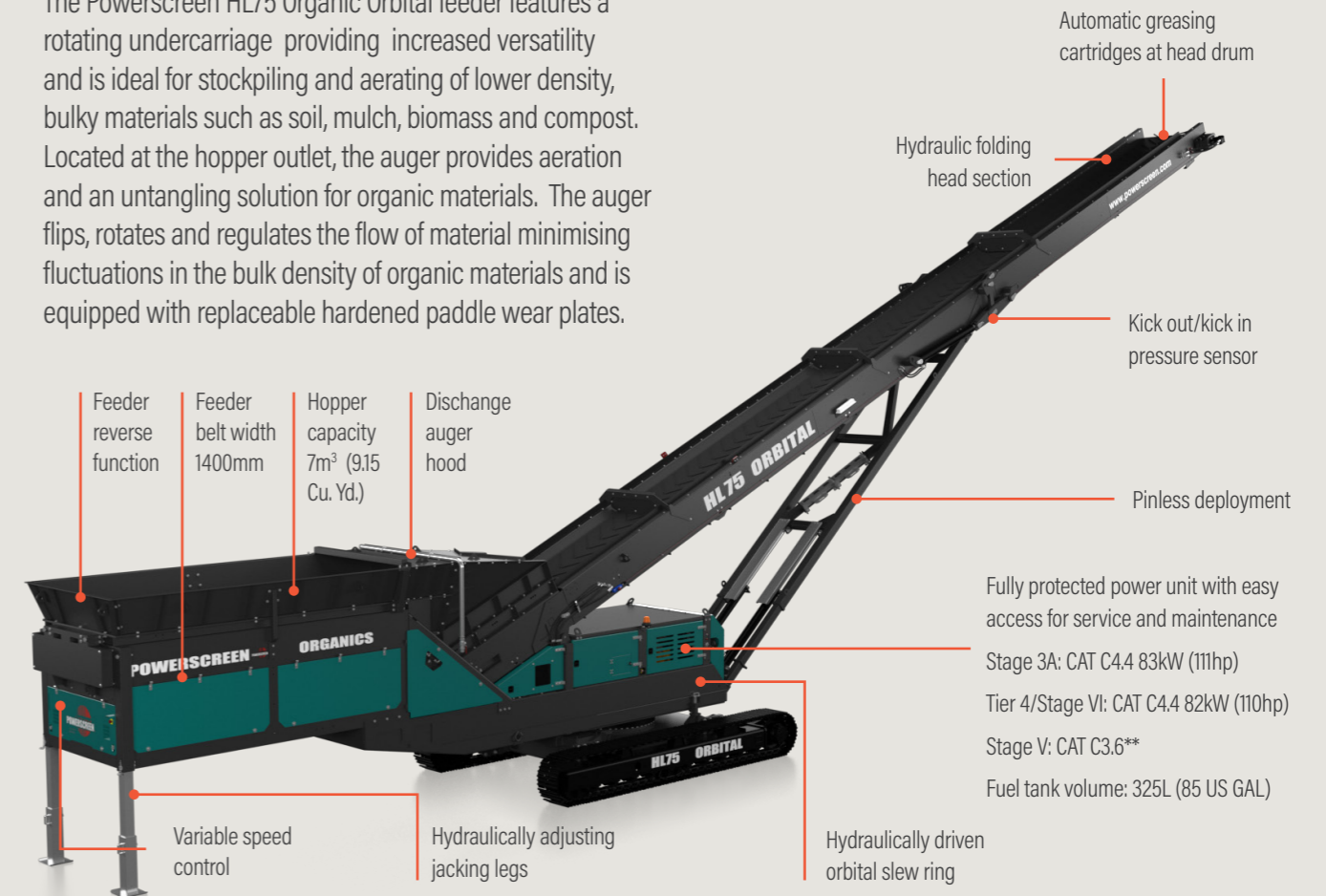
CONVEYOR DETAILS	HL75 ORGANIC
Discharge conveyor length	22.5m (73' 10")
Feeder length	4.1m (13' 11")
Belt width	1400 mm (56")
Discharge height	8.80m (28' 2") @ 18°
Max. discharge height	9.8m (32' 2") @ 24°
Production capacity	Up to 600+TPH (661 US TPH)

OPTIONS*
Discharge conveyor drive drum upgraded to ceramic lagging
Feed conveyor drive drum upgraded to ceramic lagging
High spec SCS scraper discharge conveyor at head drum
Discharge conveyor underguard length of mid-section
Canvas dust covers complete with dust hood on discharge conveyor
Spray bar at head drum on discharge conveyor
Belt weigher
Overband magnet on discharge conveyor with hydraulic kit and support frames
Hybrid
Radio remote to stop/start feed conveyor, raise/lower discharge conveyor
Radio Remote to track machine
Pulse Telematics

# HL75 ORGANIC ORBITAL FEEDER

## FEATURES & BENEFITS

The Powerscreen HL75 Organic Orbital feeder features a rotating undercarriage providing increased versatility and is ideal for stockpiling and aerating of lower density, bulky materials such as soil, mulch, biomass and compost. Located at the hopper outlet, the auger provides aeration and an untangling solution for organic materials. The auger flips, rotates and regulates the flow of material minimising fluctuations in the bulk density of organic materials and is equipped with replaceable hardened paddle wear plates.



TRANSPORT DIMENSIONS	HL75 ORGANIC ORBITAL
Length	22.5m (73' 10")
Width	3.2m (10' 6")
Height	3.63m (11' 11")
Weight (Est.)	29,300kg (64,595lbs)
Containerised shipping	40' x 9' 6" 2x High Cube Container

CONVEYOR DETAILS	HL75 ORGANIC ORBITAL
Discharge conveyor length	22.5m (73' 10")
Feeder length	4.1m (13' 11")
Belt width	1400 mm (56")
Discharge height	8m (26' 3") @ 18°
Max. discharge height	10.7m (34' 6") @ 24°
Production capacity	Up to 600+TPH (661 US TPH)

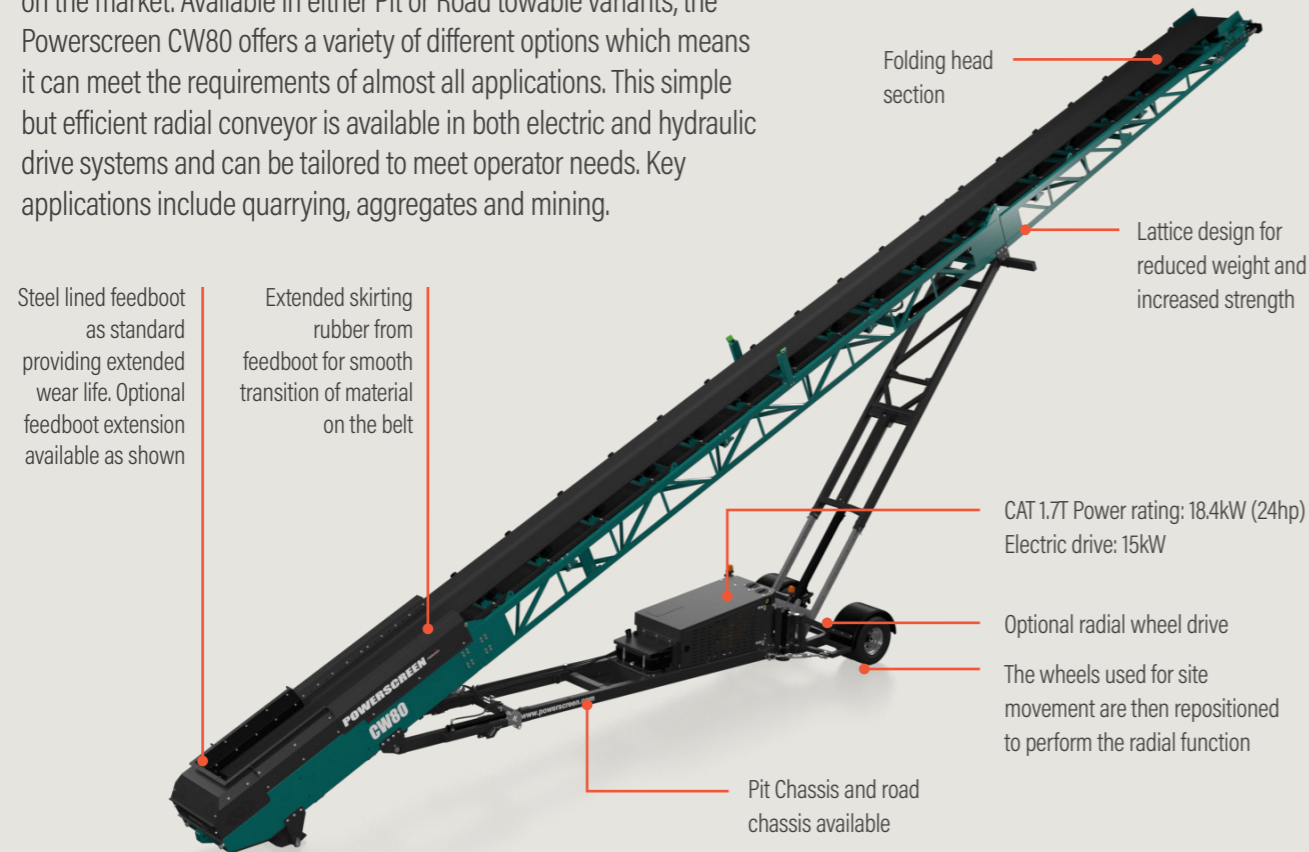
OPTIONS*
Discharge conveyor drive drum upgraded to ceramic lagging
Feed conveyor drive drum upgraded to ceramic lagging
High spec SCS scraper discharge conveyor at head drum
Discharge conveyor underguard length of mid-section
Canvas dust covers complete with dust hood on discharge conveyor
Spray bar at head drum on discharge conveyor
Belt weigher
Overband magnet on discharge conveyor with hydraulic kit and support frames
Pulse Telematics

# 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	

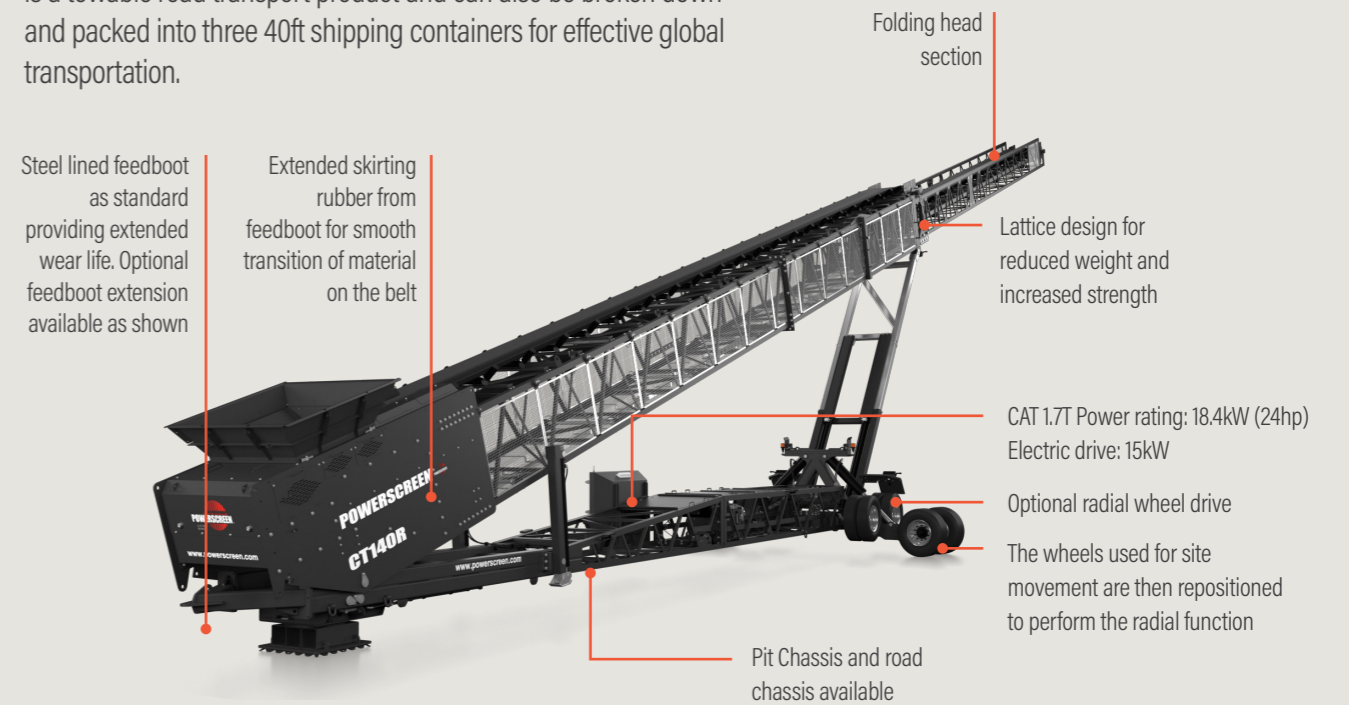
CONVEYOR DETAILS	CW80 RADIAL
Discharge conveyor length	22.85m (74' 10")
Belt width	914mm (36")
Max. discharge height	9.95m (32' 7") @ 23°
Production capacity	Up to 300 TPH (336 US TPH)

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

# 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):	27,000kgs (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



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