

# **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 (2910") @ 24°	9.9m (32′ 5″) @ 24°
Max. discharge height	9.45m (31') @ 28°	10.41m (341") @ 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	•	•	





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

POWERSCREEN CTG5

<sup>\*</sup> Additional options are available.

# CT100 TRACKED CONVEYOR

### **FEATURES & BENEFITS** Hydraulic folding The Powerscreen CT100 stockpiler, builds on the hugely successful Powerscreen head section 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. Compact folding mechanism allows containerised Steel lined feedboot Hydraulic adjustment for shipping variable feed height reduces as standard providing impact and provides optimal extended wear life. Feedboot extensions material transfer Pinless deployment and rubber lined options also available Fully protected power unit with easy access for service and maintenance Stage 3A: CAT C4.4 83kW (111hp) Tier 4F: CAT C4.4 82kW (110hp) Stage V: CAT C2.2 55kW (73hp)\*\* Fuel tank volume: 220L (58 US GAL) Dual-speed tracks for quick Hydraulic folding tail section Impact rollers as standard

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	СТ100
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°
Draduation consoits	Up to 600TPH
Production capacity	(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 conveyo	r
Radio remote to track machine	
Pulse Telematics	

and controlled deployment

### CT75R TRACKED RADIAL CONVEYOR

#### **FEATURES & BENEFITS**



TRANSPORT DIMENSIONS	CT75R
Length	15.2m (49' 10")
Width	2.52m (8' 3")
Height	3.43m (11' 3")
Weight (Est.)	19,800kg (43,651lbs)
Containerised shipping	40' x 9' 6" High Cube Container

CONVEYOR DETAILS	CT75R
Conveyor length	22.9m (75′ 1″)
Belt width	1050mm (42")
Discharge height	9m (29' 6") @ 18°
Max. discharge height	10.9m (34' 9") @ 23°
Production capacity	Up to 600TPH (661 US TPH)

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
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## **HL50 HIGH LEVEL FEEDER**

#### **FEATURES & BENEFITS**



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")
Hopper capacity	4.2m³ (5.5yd³)
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)

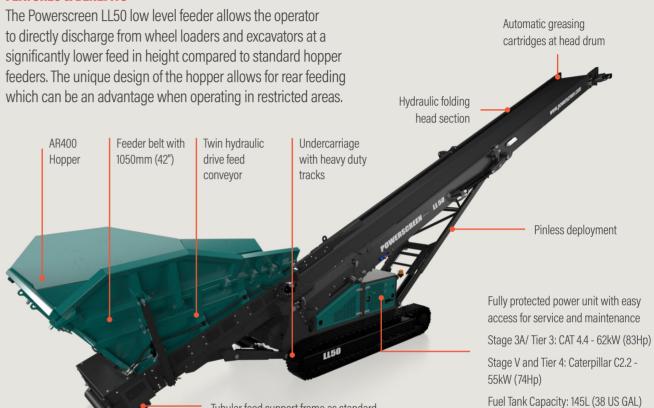
#### OPTIONS\*

Single Deck Vibrating Grid

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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**



TRANSPORT DIMENSIONS	LL50 LOW LEVEL FEEDEI
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

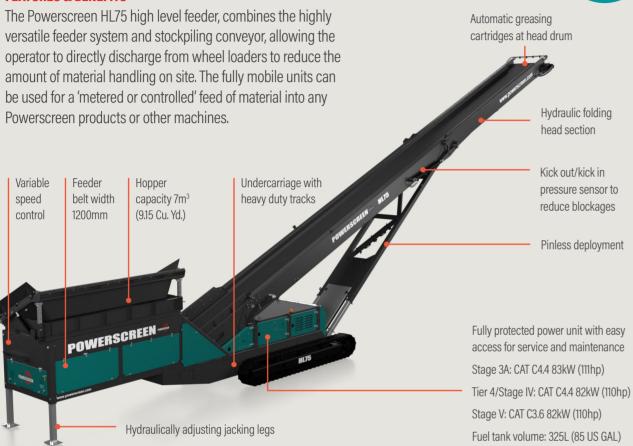
CONVEYOR DETAILS	LL50 LOW LEVEL FEEDER
Discharge conveyor length	15.6m (51' 2")
Hopper capacity	7m³ (9.15yd³)
Belt width	1050mm (42")
Discharge height	5.9m (19' 4") @ 18°
Max. discharge height	7.2m (23' 7") @ 24°
Production capacity	Up to 450TPH (496 US TPH)

#### OPTIONS\*

Tubular feed support frame as standard

Dust hood.	
Canvas dust	covers complete with dust hood on discharge conveyor.
Full length sk	irting rubber on discharge conveyor.
High spec he	ad drum scraper on discharge conveyor (plain belt only).
Anti-roll back	flaps.
Heavy duty p	lain belt on discharge conveyor EP500 3 Ply x 5 + 2 covers.
Discharge co	nveyor under guard length of mid-section.
Spray bar at h	nead drum.
Belt weigher.	
Overband ma	ignet 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-St	op running the length of the conveyor.
Chevron belt	for discharge conveyor EP315 3 Ply x 3 + 1.5 covers
Grade ISO 68 Celsius).	hydraulic oil (recommended for ambient temperatures of +15 - +50 degrees
Grease lines t	to head drum.
Integrated fal	l break system bolted into hopper with adjustable feed hopper outlet door.
Feeder disch	arge door with integrated fall break
Powerscreen	Pulse - via Spares only - cannot be selected from Factory.

### **FEATURES & BENEFITS**



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")
Hopper capacity	7m³ (9.15yd³)
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	d
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	g
Discharge conveyor fitted with chevron belt	
High spec SCS scraper discharge conveyor at head drum	
Canvas dust covers complete with dust hood on discharge of	conveyor
Dust suppression water spray bar at head drum on discharg	e conveyor
Full length skirting rubber along discharge conveyor	
Belt weigher option	
Overband magnet on discharge conveyor with hydraulic kit frames	and support
Hybrid	
Radio remote to stop/start feed conveyor, raise/lower discharand tip grid	arge conveyo
Radio remote to track machine	
Pulse Telematics	

# **LL75 LOW LEVEL FEEDER**

#### **FEATURES & BENEFITS**



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

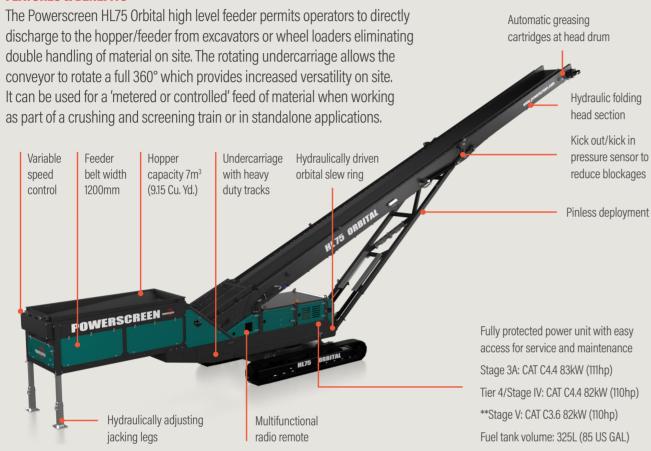
CONVEYOR DETAILS	LOW LEVEL FEEDER	
Discharge conveyor length	22.5m (73′ 10″)	
Hopper capacity	7m³ (9.15 yd³)	
Belt width	1200mm (48")	
Discharge height	8m (26' 3") @ 18°	
Max. discharge height	9.8m (32' 2") @ 24°	
Production capacity	Up to 600+TPH (661 US TPH)	

### OPTIONS\*

AR400 steel 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**



TRANSPORT DIMENSIONS	HL75 ORBITAL	
Length	19.5m (63' 11")	
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")
Hopper capacity	7m³ (9.15yd³)
Belt width	1200 mm (48")
Discharge height	8.80m (28' 2") @ 18°
Max. discharge height	10.7m (35′ 1″) @ 24°
Production capacity	Up to 600+TPH (661 US TPH)

#### OPTIONS\*

## **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 Automatic greasing increased versatility on site. With unrivalled portability and durability, the LL75 cartridges at head drum Orbital can operate in a wide variety of working environments. This conveyor can be integrated with crushers and screeners to stockpile material directly Hydraulic folding head section 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. Kick out/kick in Hydraulically driven Undercarriage pressure sensor with heavy AR400 Feeder Twin duty tracks Hopper belt width hvdraulic 1300mm drive feed Pinless deployment conveyor Fully protected power unit with easy access for service and maintenance Stage 3A: CAT C4.4 83kW (111hp) Tier 4/Stage IV: CAT C3.6 82kW (110hp) Stage V: CAT C3.6 82kW (110hp) Tubular feed support Radio remote to track, slew, start/stop feeder, frame as standard raise/lower discharge conveyor and tip grid Fuel tank volume: 325L (85 US GAL)

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″)
Hopper capacity	7m³ (9.15yd³)
Belt width	1200mm (48")
Discharge height	8.8m (28' 2") @ 18°
Max. discharge height	10.7m (35' 1") @ 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

Automatic greasing

Hydraulic folding

head section

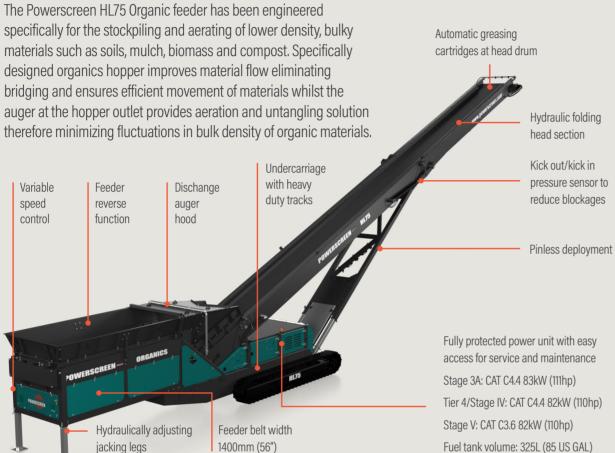
cartridges at head drum

Kick out/kick in

## **HL75 ORGANIC FEEDER**



#### **FEATURES & BENEFITS**



TRANSPORT DIMENSIONS	HL75 ORGANIC	
Length	19.4m (63' 8")	
Width	2.75m (9')	
Height	3.07m (10' 1")	
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″)
Hopper capacity	10m³ (13yd³)
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\*

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	19.5m (63' 11")
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")
Hopper capacity	10m³ (13yd³)
Belt width	1200mm (48")
Discharge height	8.8m (28' 2") @ 18°
Max. discharge height	10.7m (34' 6") @ 24°
Production capacity	Up to 600+TPH (661 US TPH)

#### OPTIONS

Pischarge 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**



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	900mm (36")
Max. discharge height	9.22m (30' 3") @ 23°
Production capacity	Up to 300 TPH (336 US TPH)

#### OPTIONS\*

chassis available

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

### **CT-140R RADIAL CONVEYOR**



#### **FEATURES & BENEFITS**

The Powerscreen CT140R radial telescopic conveyor is one of the most cost efficient and effective way of stockpiling material on the market. The reduction of segregation, degradation, contamination and compaction when stockpiling ensures 'in specification' material for any application or industry. Boasting an array of design features, the CT140R spans 140ft (42m) and encompasses two conveyors, an automated stockpiling control system, variable discharge height and a direct electric power source with onboard deployment engine. There are 400tph and 600tph options available, the difference being a motor change.



Additional side guarding to help improve safety

Telescopic

head section

Road towable versions comes with a 5hp deployment engine to power the hydraulic jack legs and kingpin swivel

270° radial capacity

Pit Chassis and road chassis available

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) (Road Towable)	
Containerised shipping	3 x 40FT Hi-Cube Containers per conveyor	

CONVEYOR DETAILS	CT-140R RADIAL
Outer conveyor length	25.3m (83')
Inner conveyor length	18.8m (61' 8")
Belt width	900mm (36")
Max. discharge height	14.4m (47' 3") @ 18°
Production capacity	Up to 400tph (441 US tph) / 600tph (661 US tph) depending on motor sizing
	doponding on motor oizing

#### **OPTIONS\***

Belt weigher
Pull cord E-stop
Feedboot lined 6mm wear plate
Feedboot lined 12mm wear plate
Feedboot lined 20mm rubber
Chevron belt
Heavy duty belt
Working lights
Twin radial drive for high resistance drive application
Low level grease points for inner & outer conveyor
5hp deployment engine
Towing eye - road towable only
Lorry mount kit - with 5hp deployment engine, hydraulic jacking legs & hydraulic kingpin swivel - pit chassis only as comes as standard-with the road version.
600tph version

### **POWERSCREEN CONTACT DETAILS**

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