

PRODUCT
SPECIFICATION



CONVEYOR RANGE



TSC 65T & TSC 80T

FEATURES & BENEFITS

Terex Ecotec's range of mobile conveyors are designed to work in conjunction with the existing Ecotec product portfolio. Using conveyors increases stockpile capacity and reduces onsite material handling. For convenience and to keep shipping costs low, the conveyors can be easily transported in a 40ft container. The range includes 65ft and 80ft tracked mobile conveyors: TSC 65T and TSC 80T.

TRANSPORT DIMENSIONS	TSC 65T	TSC 80T
Length	11.3m (37')	11.88m (38' 11")
Width	2.25m (7' 5")	2.25m (7' 5")
Height	2.53m (8' 4")	2.54m (8' 4")
Weight (Est.)	12,750kg (28,109lbs)	16,000kg (35,274lbs)
Containerised shipping	40' x 9' 6" High Cube Container	40' x 9' 6" High Cube Container

CONVEYOR DETAILS	TSC 65T	TSC 80T
Conveyor length	20m (65' 7")	23.5m (77')
Belt width	1,050mm (42")	1,050mm (42")
Discharge height	8.7m (28' 6") @ 24°	9.95m (32' 8") @ 24°
Max. discharge height	10m (32' 10") @ 28°	10.1m (33' 2") @ 25°
Production capacity	Up to 400TPH (441 US TPH)**	Up to 400TPH (441 US TPH)**

OPTIONS	TSC 65T	TSC 80T
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	•	•

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



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 powerunit 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

TSC 100T

FEATURES & BENEFITS

The TSC 100T builds on the hugely successful TSC 65T and TSC 80T conveyors. The increased conveyor length and power allows for maximum mobility and flexibility, reducing or eliminating the use of wheeled loaders onsite. The TSC 100T can cope with all applications and although 100ft long it still has the ability to be transported globally 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 powerunit 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 (110 HP) @ 1800rpm
 Fuel tank volume: 180 litres

Dual-speed tracks for quick and controlled deployment

TRANSPORT DIMENSIONS	TSC 100T
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	TSC 100T
Conveyor length	30m (98' 5")
Belt width	1,050mm (42")
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

TRC 75

FEATURES & BENEFITS

The TRC 75 Tracked Radial Stockpiling Conveyor is capable of stockpiling material from primary/secondary shredders and screens. The mobility and flexibility of the TRC 75 eliminates the double handling of material with wheel loaders onsite. The TRC 75 caters for a range of applications including compost, C&D waste, sand and gravel, topsoil and waste wood.

Fully protected powerunit 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



TRANSPORT DIMENSIONS	TRC 75
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	TRC 75
Conveyor length	22.9m (75' 2")
Belt width	1,050mm (42")
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
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
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

TFC 75

FEATURES & BENEFITS

The TFC 75 High Level Feeder Conveyor is a robust, high capacity hopper feeder that is suited to the most demanding of applications. Operators have the ability to directly discharge from wheel loaders/excavators eliminating the double handling of material onsite. The fully mobile TFC 75 allows a controlled feed of material into Ecotec shredders and screens.



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	1,200mm (47")
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
Feedboot lined 6mm wearplate
Twin drive feed conveyor
4" or 6" tipping grid fitted to feed conveyor

TFC 75L

FEATURES & BENEFITS

Terex Ecotec's TFC 75L Low Level Feeder Conveyor allows the operator to directly discharge from wheel loaders and excavators at a significantly lower infeed height compared to standard hopper feeders. The unique hopper design allows for rear feeding which is 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	1,200mm (47")
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
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



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