Terex® MPS Conveyors

Exceptional Productivity and Efficiency

www.terexmps.com

A world working better™
Conveyor TC-65-T

Standard Specification

Tracked Conveyor TC-65-T

Conveyor
- Conveyor Length: 20m
- Belt Width: 1050mm
- Conveyor Drive: Hydraulic 800cc
- Discharge Height @ 24°: 8.7m (28' 6")
- Max Discharge Height @ 28°: 10m (32' 10")
- Capacity: Up to 400 TPH
- Hydraulic Folding Head Section
- Belt Type: Plan: 3 Ply
- Polyurethane tensioned belt cleaner
- Hydraulic feed in height adjustment
- Hydraulic fold over for Transport
- Hydraulic conveyor angle adjustment
- 40 degree rollers
- Variable speed control
- Feedboot with removable 6mm steel wear liners

Powerunit
- Diesel Hydraulic
- Engine (Tier 3): Deutz D2011 LO4i - 36.4kW (45hp)
- Engine (Tier 4 Final): Deutz TD 2.9 LO4 45kW (60hp)
- Fuel Tank Volume: 200 Litres
- Hydraulic Oil Cooler: Standard

Chassis
- Tracks 2.9m centres x 400mm shoe
- 2 Speed Track Motor
  - Lower Speed: 0.9km/h
  - Higher Speed: 16km/h
- Belt Type: Plan: 3 Ply
- Polyurethane tensioned belt cleaner
- Hydraulic feed in height adjustment
- Hydraulic fold over for Transport
- Hydraulic conveyor angle adjustment
- 40 degree rollers
- Variable speed control
- Feedboot with removable 6mm steel wear liners

General
- Heavy duty undercarriage unit with 400mm wide tracks
- External conveyor belt adjustment
- Engine prestart delay & siren
- Low level greasing
- Emergency stops (3 nr.)
- Safety guards in compliance with machinery directive

Options Equipment
- Deutz TD 2.9 LO4 45kW (60hp) Tier 4 Final Engine
- 6mm AR400 Steel Wear Feedboot Liners
- 20mm Rubber Wear Feedboot Liners
- Feedboot Extension c/w Steelwear Liners
- Feedboot Extension c/w 20mm Rubber Wear Liners
- Feedboot Extension c/w 6mm AR400 Steelwear Liners
- Impact Bed at Feedboot area
- Impact Rollers at Feedboot area
- Large Capacity Biomass Hopper (including landing legs and full length impact bed)
- Blade type / Primary scraper
- Conveyor fitted with Chevron belt 3 ply x 4+2 covers
- Conveyor fitted with Heavy duty plan belt 500EP 4 ply x 8+2 covers
- Conveyor Under Guarding up To 2.5 Meters @12 degree incline
- Conveyor Head drum Guarding
- Conveyor Dust covers
- Conveyor Water Dust Suppression (Spray bar only)
- Conveyor Full length Skirting
- Powerunit c/w Hydraulic oil, Century 100 - (Recommended for ambient temperatures between +15 to +50°C)
- Radio remote control system for crawler tracks
- Pull cord emergency stop to control panel side
- Special paint colour (if different from above). RAL must be specified on order
- Overband magnet option complete with hydraulic kit and support frame

Operating Mode

<table>
<thead>
<tr>
<th>Transport</th>
<th>Width</th>
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<th>Weight</th>
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<tbody>
<tr>
<td>Width</td>
<td>2260mm (7' 5&quot;)</td>
<td>2530mm (8' 4&quot;)</td>
<td>1300mm (3'7&quot;)</td>
<td>12,750kg (28,099lbs)</td>
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</table>

TC-65-T Tracked Conveyor
Conveyor TC-80-T

Standard Specification

Tracked Conveyor TC-80-T

**Conveyor**
- Conveyor Length: 23.5m
- Belt Width: 1050mm
- Conveyor Drive: Hydraulic 800cc
- Discharge Height @ 24°: 10.2m (33' 6”)
- Max Discharge Height @ 28°: 10.5m (34' 6”)
- Capacity: Up to 400 TPH
- Hydraulic Folding Head Section
- Belt Type: Plan: 3 Ply
- Polyurethane tensioned belt cleaner

**Powerunit**
- Diesel Hydraulic
- Engine (Tier 3) Deutz D2011 L04I - 36.4kW (45hp)
- Engine (Tier 4 Final) Deutz TD 2.9 L04 45kW (60hp)
- Fuel Tank Volume: 200 Litres
- Hydraulic Oil Cooler: Standard

**Chassis**
- Tracks 2.9m centres x 400mm shoe
- 2 Speed Track Motor
  - Lower Speed: 0.9km/h
  - Higher Speed: 1.6km/h
- 40 degree rollers
- Variable speed control
- Feedboot with removable 6mm steel wear liners

**General**
- Heavy duty undercarriage unit with 400mm wide tracks
- External conveyor belt adjustment
- Engine prestart delay & siren
- Low level greasing
- Emergency stops (4 nr)
- Machine Painted, Black-RAL9005 & Grey-RAL7024
- Safety guards in compliance with machinery directive

**Options Equipment**
- Deutz TD 2.9 L04 45kW (60hp) Tier 4 Final Engine
- 6mm AR400 Steel Wear Feedboot Liners
- 20mm Rubber Wear Feedboot Liners
- Feedboot Extension c/w Steelwear Liners
- Feedboot Extension c/w 20mm rubber Wear Liners
- Feedboot Extension c/w 6mm AR400 Steelwear Liners
- Impact Bed at Feedboot area
- Impact Rollers at Feedboot area
- Large Capacity Biomass Hopper (including landing legs and full length impact bed)
- Blade type / Primary scraper
- Conveyor fitted with Chevron belt 3 ply x 4+2 covers
- Conveyor fitted with Heavy duty plain belt 3 ply x 5+2 covers
- Conveyor Under Guarding up To 2.5 Meters @ 12 degree incline
- Conveyor Head drum Guarding
- Conveyor Dust covers
- Conveyor Water Dust Suppression (Spray bar only)
- Conveyor Full length skirting
- Powerunit c/w Hydraulic oil, Century 100 - (Recommended for ambient temperatures between +15 to +50°C)
- Radio remote control system for crawler tracks
- Pull cord emergency stop
- Special paint colour (if different from above). RAL must be specified on order
- Overband magnet option complete with hydraulic kit and support frame

**Operating Mode**

- TC-80-T Tracked Conveyor

**Dimensions**
- Operating Mode
  - Width: 2360 mm (7' 9’’)
  - Height: 2540 mm (8' 4’’)
  - Length: 7880 mm (26' 11’’)
  - Weight: 16,000kg (35,274lbs)
Terex® MPS
Conveyors

Conveyor TC-100-T

Standard Specification

Tracked Conveyor TC-100-T

Conveyor

- Conveyor Length: 30m
- Belt Width: 1050mm
- Conveyor Drive: Variable speed
  Max 175m/min
- Discharge Height @ 18°: 10.5m 34' 6"
- Max Discharge Height @ 28°: 14.3m 47' 47"
- Capacity: Up to 400 TPH
- Hydraulic Folding Head Section
- Belt Type: Plan: 3 Ply
- Polyurethane tensioned belt cleaner
- Stockpile capacity at optimum working angle based on 37° angle of repose: 2135m³
- Max. stockpile capacity based on 37° angle of repose: 5390m³
- Capacity: up to 600 tph
- Hydraulic feed in height adjustment
- Hydraulic fold over for transport
- Rosta scraper

Feedboot

- Standard Feedboot Capacity: 0.6 m³
- Feed in Width: 1300mm
- Extended Feedboot Capacity: 1.6m³
- Feed in Width: 1350mm
- Min Feed Height: 1800mm

Powerunit

- 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 (110 Hp) @ 1800 RPM
- Fuel Tank Volume: 180 Litres

Chassis

- Undercarriage with tracks, 4100mm centers, 400mm shoe
- Front stabilising bar

Electrical

- Hand held track control set with connection lead
- Emergency stops x 2
- Radio remote control system for crawler tracks

TC-100-T Tracked Conveyor

General

- Discharge head drum bearing automatic greasing cartridge
- Low level greasing
- Orange-RAL2002. Special paint colour (if different from above). RAL must be specified on order

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

Operating Mode

Transport

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<thead>
<tr>
<th>Width</th>
<th>Height</th>
<th>Length</th>
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<tbody>
<tr>
<td>2840mm (9' 4&quot;)</td>
<td>3000mm (9' 10&quot;)</td>
<td>9500mm (31' 2&quot;)</td>
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</table>

* Transport with tail unfolded
Feeder TC-75-HF

Standard Specification

Tracked Feeder TC-75-HF

Discharge Conveyor

- Conveyor Length: 22.6m
- Belt Width: 1200mm
- Conveyor Drive: Variable speed Max 110m/min
- Belt Type: 3 ply, 4 + 2 plain belt
- Optimum working angle: 18°
- Optimum discharge height: 8.0m
- Stockpile capacity at optimum working angle based on 37° angle of repose: 944m³
- Max. working angle: 24°
- Max. discharge height: 9.8m
- Max. stockpile capacity based on 37° angle of repose: 1735m³
- Capacity: up to 500tph. Based on 100mm Lump size at 18° work angle. Max belt speed
- Hydraulic discharge height adjustment
- Hydraulic fold over for transport
- Rosta scraper at head drum

Feed Conveyor

- Capacity: 7m³ (9.2yd³)
- Feed in Height: 1900mm
- Feed in Width: 3500mm
- Twin drive hydraulic variable speed via high torque gearbox
- Speed: 0 - 25MPM (83ft / min)
- Wearplate Hopper (No Liners)
- Hydraulic folding hopper flaps
- Tubular feeder support frame
- Rosta scraper at head drum

Powerunit

- 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 (110 Hp) @ 1800 RPM
- Fuel Tank Volume 325 Litres

Chassis

- Undercarriage with tracks. 4100mm centers, 400mm shoe
- Hand held track control set with connection lead
- Emergency stops x 3

Electrical

- Hand held track control set with connection lead
- Engine prestart delay & siren
- External conveyor belt adjustment
- Orange-RAL2002. Special paint colour (if different from above). RAL must be specified on order

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

Operating Mode

General

- Discharge head drum bearing automatic greasing cartridge
- Engine prestart delay & siren
- External conveyor belt adjustment
- Orange-RAL2002. Special paint colour (if different from above). RAL must be specified on order

Packaging

- Roll on Roll off transport (RoRo)
- Containerisation, packed into 40ft high cube containers

Transport

- Width 2750mm (9')
- Height 3320mm (10 2")
- Length 9500mm (34')
**Feeder**

**TC-75-LL**

**Standard Specification**

**Tracked Feeder TC-75-LL**

**Discharge Conveyor**
- **Conveyor Length:** 22.6m
- **Belt Width:** 1200mm
- **Conveyor Drive:**
  - Variable speed
  - Max 110m/min
- **Belt Type:**
  - 3 ply, 4 + 2 plain belt
- **Optimum working angle:** 18°
- **Optimum discharge height:** 8.0m
- **Stockpile capacity at optimum working angle based on 37° angle of repose:** 944m³
- **Max. working angle:** 24°
- **Max. discharge height:** 9.8m
- **Max. stockpile capacity based on 37° angle of repose:** 1735m³

Capacity: up to 500tph. Based on 100mm Lump size at 18° work angle. Max belt speed.

- **Hydraulic discharge height adjustment**
- **Hydraulic fold over for transport**
- **Rosta scraper at head drum**

**Feed Conveyor**
- **Capacity:** 8m³ (10.5yd³)
- **Feed in Height:** 2545mm
- **Feed in Width:** 1800mm
- **Drive:** hydraulic variable speed drive via high torque gearbox
- **Speed:** 0 – 25MPM (83ft / min)
- **Wearplate Hopper**
- **Hydraulic adjustable jacking legs mounted under hopper side to support weight**
- **Rosta scraper at head drum**

**Powerunit**
- **Engine (Tier 3):** CAT 4.4 - 4 cylinder diesel engine developing 83kw (111hp) @ 1800rpm
- **Engine (Tier 4):** Caterpillar C4.4 - 4 cylinder diesel engine developing 82Kw (110 Hp) @ 1800 RPM
- **Fuel Tank Volume:** 325 Litres

**Chassis**
- **Undercarriage with tracks.**
- **400mm centers, 400mm shoe**

**Electrical**
- **Hand held track control set with connection lead**
- **Emergency stops x 3**

**General**
- **Discharge head drum bearing automatic greasing cartridge**
- **Engine prestart delay & siren**
- **External conveyor belt adjustment**
- **Orange-RAL2002. Special paint colour (if different from above). RAL must be specified on order**

**Packaging**
- **Roll on Roll off transport (RoRo)**
- **Containerisation, packed into 40ft high cube containers**

**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, 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**
- **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**

**Operating Mode**

**Zollner (in ft)**

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<tr>
<td></td>
<td>2750mm (9')</td>
<td>3000mm (10')</td>
<td>9600mm (64.4')</td>
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</table>
**TC-75-TR**

### General
- Discharge head drum bearing automatic greasing cartridge
- Low level greasing
- Orange-RAL 2002. Special paint colour (if different from above). RAL must be specified on order

### Packaging
- Roll on Roll off transport (RoRo)
- Containerisation, packed into 40ft high cube containers

### 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
- 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
- Extended feet boot lined 6mm wearplate
- Hopper flares lined 6mm wearplate
- Twin radial wheel drive

### Operating Mode

**Feeder**
- **TC-75-TR**

#### Standard Specification

**Tracked Feeder TC-75-TR**

- **Discharge Conveyor**
  - Conveyor Length: 22.9m
  - Belt Width: 2050mm
  - Conveyor Drive: Twin Speed Variable speed
  - Max 108m/min
  - Belt Type: 3 ply, 4 + 2 plain belt
  - Optimum working angle: 18°
  - Optimum discharge height: 9.0m
  - Max Stockpile Capacity: Conical: 1344m³
  - Max Stockpile Capacity: 135° Kidney Bean: 6764m³
  - Max working angle: 23°
  - Max. discharge height: 10.9m
  - Max. stockpile capacity: Conical: 2388m³
  - Max Stockpile Capacity: 135° Kidney Bean: 10040m³
  - Capacity: up to 600tph. Based on 100mm Lump size at 18° work angle. Max belt speed
  - Hydraulic discharge height adjustment
  - Hydraulic fold over for transport
  - Spring mounted poly blade head drum scraper

- **Feedboot**
  - Standard Feedboot Capacity: 0.6 m³
  - Feed in Width: 1300mm
  - Min Feed height: 2400mm
  - Extended Feedboot Capacity: 1.6m³
  - Feed in Width: 1850mm
  - Min Feed Height: 2750mm

- **Powerunit**
  - Engine (Tier 3) Deutz D2011 L04i
    - 4 cylinder 36kW (48hp) air-cooled diesel engine
  - Engine (Tier 4) Deutz L04
    - 45kW (60hp) air-cooled diesel engine
  - Engine (Tier 3) CAT 4.4
    - 4 cylinder diesel engine developing 83kw (111hp) @1800rpm
  - Engine (Tier 4) Tier 4F / Stage IV - Caterpillar C4.4
    - 4 cylinder diesel engine developing 82kW (110 Hp) @ 1800 RPM
  - Fuel Tank Volume: 180 Litres

- **Chassis**
  - Crawler tracks with pendant control system (NOT radio controlled)
  - Speed: single speed tracking
  - Single radial wheel drive
  - Tracks 1800mm centers, 400mm shoe.

- **Electrical**
  - Hand held track control set with connection lead
  - Emergency stops x 2
  - Engine prestart delay & siren
  - Radio remote control system for crawler tracks

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**Transport**
- Width: 2250mm (7'5'')
- Height: 3000mm (10'')
- Length: 5600mm (18' 3'')

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Terex® Services

Proven Success, Global Reach
A comprehensive range of services. Original spare and wear parts. Customizable solutions to meet your exact needs. Outstanding technical expertise and support.
This is what Terex® delivers to businesses – and what it delivers to businesses throughout the world via our global distribution network, service and distribution facilities and regional warehouses.

A Shared Focus
We understand your key focus is delivering your operational and financial goals. We share that focus: it’s how we both measure success.
By combining our global service network and proven, in-depth industry knowledge with your operational expertise we’re able to provide you with the right solution to deliver a quality end product – with increased productivity.

Field Services
We offer a comprehensive set of field services to meet your maintenance, repair and refurbishment needs – which means you get a cost-effective alternative to purchasing new or replacement equipment.
Our experienced field service and distribution network are available to you on site or at our global service facilities. We can repair broken or damaged equipment to like-new condition and restore worn or irreplaceable equipment to perfect operating condition – which minimizes costly downtime for you.

Spare and Wear Part Support
Our OEM parts help maintain and enhance the performance of your equipment - and you can count on us to get you the spare and wear parts you need, when you need them.
Terex® parts are manufactured according to exacting specifications, using high-quality materials, tools and techniques. By using genuine parts you are helping to ensure the maximum performance and longevity of your machines.

Combining our global service network and deep industry knowledge with your operational expertise ensures that we provide the best solutions...

Terex® Financial Services
At Terex®, we not only offer a strong and broad product portfolio. We also offer the means for customers to purchase the equipment they need in order to meet their operational and profitability goals.
Terex® Financial Services (TFS) is a globally trusted resource that is able to leverage its knowledge of Terex® equipment plus its marketplace expertise to provide a unique tailored solution for customers.

Terex® Financial Services at a Glance
• Providing cost-effective financial solutions to thousands of customers across the globe
• A comprehensive suite of financial solutions tailored to fit individual needs
• Dedicated and knowledgeable team with global reach, focused on customer solutions.
Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment.

Failure to follow the appropriate Operator's Manual when using our equipment or failure to act responsibly may result in serious injury or death.

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