

TROMMEL

# TTS 620

TEEvolution 



# THE ULTIMATE IN TROMMEL DESIGN

Terex Environmental Equipment's new TTS 620 is the ultimate in modern Trommel design, offering operators unrivaled application flexibility, production rates and serviceability. A highly efficient engine and hydraulic drive system combined with advanced material processing control system offer maximum production combined with minimum costs. It is ideally suited for screening compost, biomass, soil, gravel & waste.



# TTS 620

Unprecedented levels of service access catapults the TTS 620 into a league of its own.

An intuitive push button control panel allows the operator to easily configure the machine to suit the required application while the intelligent feeder control system continually adjusts the feeder speed to optimize screening rates. Special consideration has been given to minimize change out time for the screening drum. The process, which takes a matter of minutes, places the TTS 620 as a market leader. The machine has also been designed to accept a number of other manufacturers screening drums allowing customers to smoothly integrate the TTS 620 into established fleets.

Unprecedented levels of service access catapults the TTS 620 into a league of its own. All conveyors are built to a modular design allowing each one to be removed independently for ease of maintenance. The swing out engine cradle gives operators unrestricted ground level access to all service components.



Hinged doors on both sides of the trommel drum offers unobstructed access for maintenance and cleaning.

The machine has been designed to run at a low engine RPM, reducing fuel usage, emissions and noise levels. Both Tier III and Tier IV options are available

with the Tier III being a constant speed configuration making it suitable for use within Europe.

Due to ever changing market conditions and demands of the modern trommel the machine will be available in wheeled, pintle drawbar, or tracked configurations.

**TEEvolution** 

TEEvolution by Terex® Environmental Equipment is a program that incorporates higher performance and higher efficiency products with reduced noise emissions and measures that make the products overall more efficient to use.

The rewards for our customers are:

- Lower Engine Operating Speed
- Efficient Hydrostatic & Hydraulic Systems
- User friendly machine control systems with advanced technology
- Market leading serviceability and access

## Key Features



Double sided unrestricted drum access via two large swing out doors allows for easy maintenance and cleaning



Easily replaced 5.5m (18') x 2m (6'7") punch plate drum which is compatible with the Doppstadt SM620 and Neuenhauser 6020



All conveyors are built to an individual modular design to reduce maintenance downtime

Advanced sealing and feedboot design ensures smooth material transfer and stockpiling



Compost



Biomass



Waste Wood Shredded



Soil, Gravel, Sand



Bark, Wood Chips



Advanced feeder control system offering efficient operation and maximised output

Fully sealed feeder reducing spillage

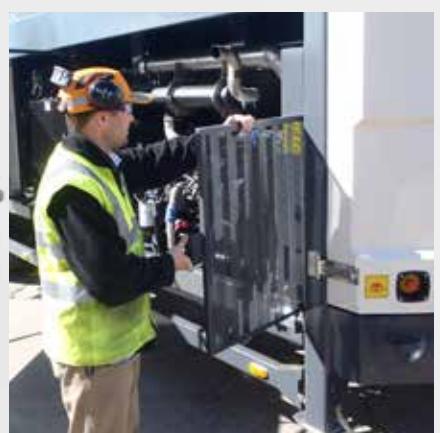
The feeder belt is driven at the head drum via a powerful recessed gearbox and hydraulic motor reducing belt slippage



Swing out engine cradle giving operators unrivalled levels of maintenance access



Removable pre filter grill provides maximum protection for the engine air intake and cooling radiator



## Technical Data

### Transport Dimensions

Width: 2.5m (8' 2")  
Height: 4.0m (13' 2")  
Length: 12.0m (39' 4")  
Weight: 17,600kgs (38,800Lbs)

### Transport Dimensions (Tracked Machine)

Width: 3.0m (9' 10")  
Height: 3.4m (11' 2")  
Length: 10.5m (34' 5")  
Weight: 21,500kg (47,400 lbs) approx.

### Working Dimensions

Width: 6.9m (22' 8")  
Length: 15.5m (51')  
Feed height: 2.85m (9' 4")

### Working Dimensions (Tracked Machine)

Width: 6.9m (22' 8")  
Length: 14.1m (46' 5")  
Feed height: 2.85m (9' 4")

### Hopper and Belt Feeder

5.5m<sup>3</sup> (7.2yd<sup>3</sup>) capacity  
2.85m (9' 4") feed in height  
4m (13' 1") feeder length  
1200mm (47") 3 ply plain belt, 5 + 1.5 covers  
Head drum drive system will compact gearbox solution  
Slide out feeder cassette for maintenance  
Hopper extensions

### Drum

5.5m (18' 1") Length  
2.0m (6' 7") Diameter  
Double welded chain and drive sprocket  
Compatible with Doppstadt SM620  
Horizontal drum  
Spiral design for material transfer  
Easily removable for maintenance and application flexibility  
Active running pressure monitoring system to adjust feed rate  
Full drum clean brush, Ø700mm, 2x3mm bristle, hydraulic folding  
1 piece drum door opening both sides

### Powerpack & Control

Perkins 4.4 Tier IIIA, 97kW, Constant Speed Engine for EU and ROW only  
Caterpillar C4.4 Tier IV Final 82kW, Variable Speed (option)  
Hydrostatic drum and feeder drive  
Fuel tank capacity 320L (70 gal)  
Swing out engine for maintenance  
Push button operation

### Collection Conveyor

1400mm (55") 3 ply plain belt, 4 + 2 covers  
Cassette style - removable for maintenance  
Head drum Ø184mm  
Rear deflector plate to adjust loading point onto transfer conveyor

### Transfer Conveyor

800mm (32") 3 ply plain belt, 4 + 2 covers  
Cassette style - removable for maintenance  
Head drum Ø184mm

### Fines Discharge Conveyor

1000mm (39") 3 ply chevron belt, 3 + 1.5 covers  
Discharge height Max 3.2m  
Discharge LHS  
Head drum Ø184mm

### Oversize Conveyor

1200mm (47") 3 ply chevron belt, 3 + 1.5 covers  
Discharge height range Max 3.43m  
Head drum Ø184mm  
Variable speed control

### Bogie

2 axles, 8 studs.  
Max speed 80km/h (50mph)  
ABS  
Suspension type leaf spring  
Super single c/w 385/55 R22 tyres  
Pintle hook design

### Tracked Undercarriage

Bolt on tracks and independent sub-frame  
400mm (16") shoe  
3300mm (10' 10") Sprocket centres

### Options

Remote control tipping grid 100mm (4")  
Remote control tipping grid 150mm (6")  
Feeder belt - 1200mm (47") 3 ply chevron belt, 5 + 1.5 covers  
Caterpillar C4.4 Tier IV Final 82kW, Variable Speed  
Auxiliary oil supply connection (1) 34.5 lpm  
Independent auxiliary oil supply (2) 34.5 lpm  
Mesh drum c/w woven mesh  
Different colour  
Reversing fan

# CUSTOMER SUPPORT



We work with our customers to understand their equipment needs to select the product most suited to their business requirements. TEE customer support incorporates a range of services including parts, technical support, warranty and financial services.

## Parts

TEE has a full inventory of genuine Terex parts through our global support locations and dealer network. We are committed to getting the right parts delivered at the right time. Using genuine Terex parts ensures optimum performance and reliability.

## Technical Support

TEE provide highly qualified service personnel to ensure that we have the ability to provide technical support when our customers need it. This support is provided in conjunction with our dealer network. We ensure our customers are supported throughout the lifecycle of their machine. Terex works for you.

## Warranty

TEE warrants its new equipment to be free of defects in material or manufacture for a specified period from the date the equipment is first used.

## Terex Financial Services

### Financial Solutions Made Easy

TEE are able to offer finance solutions to our customers. Our team of finance professionals know the important of working closely with customers to understand their unique business challenges as well as their financial goals and requirements. Obtaining financing is often a time-consuming task, so we work hard provide a reliable, flexible and responsive service.



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