

PRODUCT  
SPECIFICATION

 **TEREX**<sup>®</sup>

 **ECOTEC**

# TTS 620

TROMMEL



# THE ULTIMATE IN TROMMEL DESIGN

Terex Ecotec's TTS 620 is the ultimate in modern trommel design, offering operators unrivalled 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.

# 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



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



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

Advanced sealing and feedboot design ensures smooth material transfer and stockpiling

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



# TECHNICAL DATA

TRANSPORT DIMENSIONS	DRUM	FINES DISCHARGE CONVEYOR
Width: 2.5m (8' 2")	5.5m (18' 1") Length	1000mm (39") 3 ply chevron belt, 3 + 1.5 covers
Height: 4.0m (13' 2")	2.0m (6' 7") Diameter	Discharge Height; Max 3.2m Wheeled Machine Max 3.42m Tracked Machine
Length: 12.0m (39' 4")	Double welded chain and drive sprocket	Max 3.2 on wheeled machine, Max of 3.42 on tracked machine
Weight: 19,000kg (41,888 lbs)	Compatible with Doppstadt SM620	Discharge LHS
	Horizontal drum	Head drum ø184mm
	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; Wheeled Machine ø600mm, 3x5mm bristle, hydraulic folding Tracked machine ø500mm, 3x5mm bristle, hydraulic folding	
	1 piece drum door opening both sides	
TRANSPORT DIMENSIONS (TRACKED MACHINE)	POWERPACK & CONTROL	OVERSIZE CONVEYOR
Width: 3.0m (9' 10")	CAT 4.4 Tier IIIA, 97kW, 1500rpm Constant Speed	1200mm (47") 3 ply chevron belt, 3 + 1.5 covers
Height: 3.4m (11' 2")	Caterpillar C4.4 Tier IV Final 82kW, Variable Speed (option)	Discharge Height; Max 3.43m Wheeled Machine Max 3.56m Tracked Machine
Length: 10.5m (34' 5")	Hydrostatic drum and feeder drive	Head drum ø184mm
Weight: 24,000kg (52,911 lbs) approx.	Fuel tank capacity 320L (70 gal)	Variable speed control
	Swing out engine for maintenance	
	Push button operation	
	Reversing cooling fan on both engine options	
WORKING DIMENSIONS	COLLECTION CONVEYOR	BOGIE
Width: 6.9m (22' 8")	1400mm (55") 3 ply plain belt, 4 + 2 covers	2 axles, 8 studs
Length: 15.5m (51')	Cassette style - removable for maintenance	ABS
Feed height: 2.85m (9' 4")	Head drum ø184mm	Suspension type leaf spring
	Rear deflector plate to adjust loading point onto transfer conveyor	Super single c/w 385/55 R22 tyres
		Pintle hook design
WORKING DIMENSIONS (TRACKED MACHINE)	TRANSFER CONVEYOR	TRACKED UNDERCARRIAGE
Width: 6.9m (22' 8")	800mm (32") 3 ply plain belt, 4 + 2 covers	Bolt on tracks and independent sub-frame
Length: 14.1m (46' 5")	Cassette style - removable for maintenance	400mm (16") shoe
Feed height: 2.85m (9' 4")	Head drum ø184mm	3300mm (10' 10") Sprocket centres
HOPPER AND BELT FEEDER		OPTIONS
5.5m <sup>3</sup> (72yd <sup>3</sup> ) capacity		Remote control tipping grid 100mm (4")
2.85m (9' 4") feed in height		Remote control tipping grid 150mm (6")
4m (13' 1") feeder length		Feeder belt - 1200mm (47") 3 ply chevron belt, 5 + 1.5 covers
1200mm (47") 3 ply plain belt, 5 + 1.5 covers		Caterpillar C4.4 Tier IV Final 82kW, Variable Speed
Head drum drive system with compact gearbox solution		Auxiliary oil supply connection (1) 34.5 lpm
Slide out feeder cassette for maintenance		Independent auxiliary oil supply (2) 34.5 lpm
Hopper extensions		Mesh drum c/w woven mesh
		Different colour

Specification subject to change without notice



# CUSTOMER SUPPORT

With you every step of the way

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



### The Right Part at the Right Time

Terex Ecotec 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.



### Warranty Delivering on our promise so you can keep yours

Terex Ecotec 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.



### Expert technical support

Terex Ecotec 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 Financial Services Financing that works for you

Terex Ecotec are able to offer finance solutions to our customers. Our team of finance professionals know the importance 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 to provide a reliable, flexible and responsive service.



Delivering On Our Promises,  
So You Can Keep Yours.



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