

PRODUCT
SPECIFICATION



TTS 620

TROMMEL



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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. Three engine options are available dependent on geographic areas and emission regulations; Stage V for EU, Tier 4 Final for USA and Stage IIIA for ROW.

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



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



Reversible engine fan and removable pre filter grill provide 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
TRANSPORT DIMENSIONS (TRACKED MACHINE)	Horizontal drum	Head drum ø184mm
Width: 3.0m (9' 10")	Spiral design for material transfer	OVERSIZE CONVEYOR
Height: 3.4m (11' 2")	Easily removable for maintenance and application flexibility	1200mm (47") 3 ply chevron belt, 3 + 1.5 covers
Length: 10.5m (34' 5")	Active running pressure monitoring system to adjust feed rate	Discharge Height; Max 3.43m Wheeled Machine Max 3.56m Tracked Machine
Weight: 24,000kg (52,911 lbs) approx.	Full drum clean brush; Wheeled Machine ø600mm, 3x5mm bristle, hydraulic folding Tracked machine ø500mm, 3x5mm bristle, hydraulic folding	Head drum ø184mm
WORKING DIMENSIONS	1 piece drum door opening both sides	Variable speed control
Width: 6.9m (22' 8")	POWERPACK & CONTROL	BOGIE
Length: 15.5m (51')	CAT C4.4 Stage V, 102kW, 1500rpm	2 axles, 8 studs
Feed height: 2.85m (9' 4")	CAT C4.4 Tier IV Final, 82kW, 1500rpm	ABS
WORKING DIMENSIONS (TRACKED MACHINE)	CAT C4.4 Stage IIIA (Constant Speed), 98kW, 1500rpm	Suspension type leaf spring
Width: 6.9m (22' 8")	Hydrostatic drum and feeder drive	Super single c/w 385/55 R22 tyres
Length: 14.1m (46' 5")	Fuel tank capacity 320L (70 gal)	Pintle hook design
Feed height: 2.85m (9' 4")	Swing out engine for maintenance	European whole vehicle type approved
HOPPER AND BELT FEEDER	Push button operation	TRACKED UNDERCARRIAGE
5.5m ³ (7.2yd ³) capacity	Reversing cooling fan on both engine options	Bolt on tracks and independent sub-frame
2.85m (9' 4") feed in height	COLLECTION CONVEYOR	400mm (16") shoe
4m (13' 1") feeder length	1400mm (55") 3 ply plain belt, 4 + 2 covers	3300mm (10' 10") Sprocket centres
1200mm (47") 3 ply plain belt, 5 + 1.5 covers	Cassette style - removable for maintenance	OPTIONS
Head drum drive system with compact gearbox solution	Head drum ø184mm	Remote control tipping grid 100mm (4")
Slide out feeder cassette for maintenance	Rear deflector plate to adjust loading point onto transfer conveyor	Remote control tipping grid 150mm (6")
Hopper extensions	Pressure monitoring system to enable feeder kick out	Feeder belt - 1200mm (47") 3 ply chevron belt, 5 + 1.5 covers
	TRANSFER CONVEYOR	Auxiliary oil supply connection (1) 34.5 lpm
	800mm (32") 3 ply plain belt, 4 + 2 covers	Independent auxiliary oil supply (2) 34.5 lpm
	Cassette style - removable for maintenance	Mesh drum c/w woven mesh
	Head drum ø184mm	Different colour
		Telemetry
		ADR Compliant Bogie for Australia
		Magnetic Head Drum and Chute for Fines and Oversize Conveyors

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

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Expert technical support

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Delivering On Our Promises, So You Can Keep Yours.



CAMPSIE

20 Keans Hill Road
Campsie Industrial Estate
BT47 3YT, Northern Ireland

Tel: +44 (0) 28 7122 3110

DUNGANNON

32 Farlough Road
Dungannon, Co. Tyrone
BT71 4DT, Northern Ireland

Tel: +44 (0) 28 87 718 500

Dealer Stamp:

NEWTON

22 Whittier Street
Newton, New Hampshire
USA, 03858

Tel: +1 (603) 382 0556

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