

TROMMEL

TTS 620



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 manufactures 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
- Marketing leading serviceability and access

Key Features



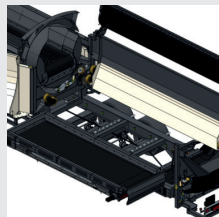
- Double sided unrestricted drum access via two large swing out doors allows for easy maintenance and cleaning

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

- 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



- All conveyors are built to an individual modular design to reduce maintenance downtime
- Advanced sealing and feedboot design ensures smooth material transfer and stockpiling



- 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)

Working Dimensions

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

Hopper and Belt Feeder

5.5m³ (7.2yd³) 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

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

FARWELL

1250 Commerce Drive
Farwell, Michigan, US, 48622

Toll Free: 1-800-953-5532

DUNGANNON

200 Coalisland Road
Dungannon, Co Tyrone
BT71 4DR Northern Ireland

Tel: +44 (0) 28 87 718 500

Fax: +44 (0) 28 87 747 231

Dealer Stamp:

www.terex.com/environmental-equipment

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