

PRODUCT
SPECIFICATION

 **TEREX**[®]
 **ECOTEC**

TXS 350

STARSCREEN



HIGH CAPACITY SCREENING

The TXS 350 three-fraction Starscreen offers high-capacity screening in a wide range of materials, including biomass, compost, green waste, topsoil, wood chips, and bark. Fitted with self-cleaning stars and sectional speed control, combined with an intuitive control system, the TXS 350 will perform in even the most challenging of applications. Designed with maintenance in mind the cassette-style screen decks design facilitate quick removal improving up time and increasing productivity. The machine can be powered either by the onboard genset or via an external power supply.



TXS 350

Large screen decks, sectional speed control combined with an intuitive control system ensures maximum screening accuracy.



With a rapid set up time, the TXS 350 is ready to work in minutes with no tooling required. The user-friendly control system, offers simple operation and diagnostics, allowing the operator to effortlessly configure the machine to suit even the most difficult applications.

The TXS 350 features a large 7m³ (9.2yd³) hopper with a fully adjustable metering wheel that optimises material flow onto the decks, improving separation. Hydraulic folding hopper extensions allow for increased capacity.

At the heart of the TXS 350 are the screen decks. The coarse deck measures 5m long x 1.25m wide, features 19 shafts each with 9-10 stars. The fines deck measures 6m long x 1.25 wide, features 44 shafts each with 38 stars. Both decks are arranged in sections allowing for independent speed control optimising screening efficiency. The self-cleaning

star option across both decks allows for uninterrupted screening, increasing uptime. Due to the cassette style design both screen decks can be easily removed for maintenance or reconfiguration. Processed material is discharged from the machine via the midsize product conveyor, offering a discharge height of 3.43m. The conveyor can also be lowered to ground level for inspection and maintenance.

Whether performing daily checks or carrying out maintenance, the TXS 350 offers unrivalled service access, via the onboard platforms.

Manoeuvred via heavy duty crawler tracks, the TXS 350 offers increased site mobility and can be powered either by the onboard genset or an external power supply. Designed with the operator in mind, the TXS 350 offers the perfect blend of performance, efficiency and serviceability.

▼ KEY FEATURES



Coarse deck - 5m long x 1.25m wide
19 shafts with 9-10 stars with variable speed shafts
Sectional speed control
Self-cleaning stars



Fully adjustable metering wheel - speed, height & lateral position



Hydraulic folding hopper extensions allows for increased capacity
Quick and easy set-up from ground level with no tools required



Hopper capacity 7m³ (9.2yd³)
Variable speed
Feed height & width: 3.5m x 3.4m (11'6" x 11'2")



Excellent access to the decks via walkway and viewing panels



Unrivalled service access for daily checks and maintenance
Can be powered either by the onboard genset or via an external power supply



Fines deck - 6m long x 1.25m wide
44 shafts with 38 stars with variable speed shafts
Sectional speed control
Self-cleaning stars



Fines deck removable as complete cassette for maintenance and overhaul
Single shafts also removable
Complete coarse deck removal



User friendly colour display offering simple operation and diagnostics
Customisable shredding programs allow operators to tailor the machine for specific applications
Remote Control



Midsize product conveyor discharge height - 3.43m
Modular design reducing downtime
Lowers to ground level for maintenance access

▼ TECHNICAL DATA



TRANSPORT DIMENSIONS
Height: 3400mm (11' 2")
Width: 2800mm (9' 2")
Length: 11,685mm (38' 3")
Weight: 24,000kg (52,911 lbs) (Dependent on Options)

WORKING DIMENSIONS
Height: 3900mm (12' 9")
Width: 6950mm (22' 10")
Length: 15150mm (49' 8")

POWER UNIT
CAT C4.4 102kW (136HP) Stage V / Tier 4 Final
CAT C4.4 98kW (132HP) Stage IIIA
CAT C4.4 129kW (173HP) Stage V / Tier 4 Final
CAT C4.4 129kW (173HP) Stage IIIA
GenSet: Leroy-Somer 145kVA LSA44.3 L12
Hydraulic Powerpack: 37kW motor with triple gear pump
Plug in option

COARSE SCREEN DECK
Cassette style
5m long x 1.25 wide - 19 shafts (16' 5" x 4')
8-finger stars, ø340mm (8.5")
3 independent screen sections (5 x 5 x 9)
Variable speed control - VSD motors
Cleaning finger tip option
Star side spacing option with spacer brushings

FINES SCREEN DECK
Cassette style
6m long x 1.25 wide - 44 shafts (19' 8" x 4')
12-finger stars, ø166mm (6.5")
4 independent screen sections (8 x 8 x 12 x 16)
Variable speed control - VSD motors
Cleaning finger tip option

HOPPER, FEED BELT & METERING WHEEL
Chamber target area 3.4m x 1.6m (11' 2" x 5' 3")
Hopper capacity: 7m ³ (9.2yd ³)
Feed height & width: 3.5m x 3.4m (11' 6" x 11' 2")
1200mm (47") 3 ply plain belt, 5 + 1.5 covers
Head drum drive system with compact gearbox solution
Lift off feeder cassette for maintenance
Hopper extensions

COLLECTION CONVEYORS X 2
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 3.1m
Discharge RHS
Head drum ø184mm

MIDSIZE CONVEYOR
1200mm (47") 3 ply chevron belt, 3 + 1.5 covers
Discharge height: Max 3.43m
Head drum ø184mm

TRACKED UNDERCARRIAGE
Bolt on tracks
400mm (16") shoe
2960mm (8' 2") sprocket centres

OPTIONS
Various star configurations
Self-cleaning stars
Hopper metering wheel
Magnet head drum & chute - Midsize & Fines Conveyors
Wind Sifter - Midsize Conveyor

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.



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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