

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 7m<sup>3</sup> (9.2yd<sup>3</sup>) 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 7m<sup>3</sup> (9.2yd<sup>3</sup>)  
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



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



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



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

TECHNICAL DATA



<b>TRANSPORT DIMENSIONS</b>	<b>COARSE SCREEN DECK</b>	<b>TRANSFER CONVEYOR</b>
Height: 3400mm (11' 2")	Cassette style	800mm (32") 3 ply plain belt, 4 + 2 covers
Width: 2800mm (9' 2")	5m long x 1.25 wide – 19 shafts (16' 5" x 4')	Cassette style – removable for maintenance
Length: 11,685mm (38' 3")	8-finger stars, ø340mm (8.5")	Head drum ø184mm
Weight: 24,000kg (52,911 lbs) (Dependent on Options)	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	
<b>WORKING DIMENSIONS</b>	<b>FINES SCREEN DECK</b>	<b>FINES DISCHARGE CONVEYOR</b>
Height: 3900mm (12' 9")	Cassette style	1000mm (39") 3 ply chevron belt, 3 + 1.5 covers
Width: 6950mm (22' 10")	6m long x 1.25 wide – 44 shafts (19' 8" x 4')	Discharge height: Max 3.1m
Length: 15150mm (49' 8")	12-finger stars, ø166mm (6.5")	Discharge RHS
	4 independent screen sections (8 x 8 x 12 x 16)	Head drum ø184mm
	Variable speed control – VSD motors	
	Cleaning finger tip option	
<b>POWER UNIT</b>	<b>HOPPER, FEED BELT &amp; METERING WHEEL</b>	<b>MIDSIZE CONVEYOR</b>
CAT C4.4 102kW (136HP) Stage V / Tier 4 Final	Chamber target area 3.4m x 1.6m (11' 2" x 5' 3")	1200mm (47") 3 ply chevron belt, 3 + 1.5 covers
CAT C4.4 98kW (132HP) Stage IIIA	Hopper capacity: 7m³ (9.2yd³)	Discharge height: Max 3.43m
CAT C4.4 129kW (173HP) Stage V / Tier 4 Final	Feed height & width: 3.5m x 3.4m (11' 6" x 11' 2")	Head drum ø184mm
CAT C4.4 129kW (173HP) Stage IIIA	1200mm (47") 3 ply plain belt, 5 + 1.5 covers	
GenSet: Leroy-Somer 145kVA LSA44.3 L12	Head drum drive system with compact gearbox solution	
Hydraulic Powerpack: 37kW motor with triple gear pump	Lift off feeder cassette for maintenance	
Plug in option	Hopper extensions	
	<b>COLLECTION CONVEYORS X 2</b>	<b>TRACKED UNDERCARRIAGE</b>
	1400mm (55") 3 ply plain belt, 4 + 2 covers	Bolt on tracks
	Cassette style – removable for maintenance	400mm (16") shoe
	Head drum ø184mm	2960mm (8' 2") sprocket centres
	Rear deflector plate to adjust loading point onto transfer conveyor	
		<b>OPTIONS</b>
		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.



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Delivering on our promise so you can keep yours

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Delivering On Our Promises,  
So You Can Keep Yours.



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