



Terex Ecotec Expands Screening Range with Launch of TXS 350 Starscreen

IMAGE SOURCE: Terex Ecotec

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- Terex Ecotec introduces the TXS 350 Starscreen, a three-fraction screening machine for organic and environmental materials.
- The machine features self-cleaning stars, sectional speed control, and an intuitive system to optimize screening performance.
- It offers flexible power options, removable cassette-style screen decks, and hydraulic folding hopper extensions for maintenance and capacity.

- **Mounted on crawler tracks, the TXS 350 supports site mobility and easy service access, responding to customer needs for high capacity and straightforward operation.**

Ecotec has expanded its screening portfolio with the introduction of the TXS 350 Starscreen, a three-fraction machine developed for high-throughput screening across a range of organic and environmental materials.

The TXS 350 is designed to process materials including biomass, compost, green waste, topsoil, wood chips and bark. The machine incorporates self-cleaning stars and sectional speed control combined with an intuitive control system, allowing operators to easily optimise screening performance in different material types and operating conditions.

A cassette-style screen deck design supports maintenance and reconfiguration, with both screen decks removable as complete units. The TXS 350 can be powered by either an onboard genset or an external power supply, providing flexibility for different site requirements.

The machine features a 7 m³ (9.2 yd³) hopper with an adjustable metering wheel to control material flow onto the screen decks. Hydraulic folding hopper extensions increase hopper capacity.



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At the core of the TXS 350 are two screen decks. The coarse deck measures 5 m x 1.25 m (16.4 ft x 4.1 ft) and is fitted with 19 shafts, each carrying 9–10 stars. The fines deck measures 6 m x 1.25 m (19.7 ft x 4.1 ft) and includes 44 shafts, each with 38 stars. Both decks are divided into independently controlled sections, allowing operators to adjust deck speeds to suit material characteristics and optimise screening efficiency. The stars on both decks can be fitted with cleaning fingers to prevent material build up in difficult applications. The cleaning action takes place during screening, removing unnecessary down time.

The machine incorporates two, variable height stockpile conveyors. Both conveyors lower to ground level for maintenance. The mid-size product conveyor has a max discharge height of 3.7 m (12.14 ft) and the fines product conveyor has a max discharge height of 3.1 m (10.17 ft).

Mounted on crawler tracks, the TXS 350 is designed for site mobility and routine relocation. Onboard service platforms provide access for daily checks and maintenance tasks.

Conor Hegarty, Business Line Director for **Terex Ecotec**, commented, "The TXS 350 expands our screening offering and was developed in response to customer feedback. It is designed to provide high-capacity screening, straightforward operation and practical service access for a wide range of applications."

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