

PRODUCT
SPECIFICATION

 **TEREX®**

 **ECOTEC**

TCT 630

WINDROW TURNER



INNOVATIVE DESIGN, MINIMAL COMPLEXITY, MAXIMUM PRODUCTIVITY.

The TCT 630 Windrow Turner is designed to optimize the turning, aerating, and conditioning of windrows, ensuring faster decomposition and higher-quality compost. With a larger drum for increased capacity, it efficiently lifts and inverts material, creating the ideal conditions for microbial activity. Engineered for high-volume operations, the TCT 630 reduces manual handling while improving oxygen flow and moisture balance, making it an essential machine for large-scale composting.



TCT 630

Advanced Efficiency for High-Volume Composting



At the core of the TCT 630's design is its latest-generation rotor, engineered to efficiently lift, aerate, and homogenize windrows while minimizing the shredding of contaminants. This ensures downstream processing remains efficient, preventing complications from overly fragmented impurities.

The TCT 630 features a patented control system that automatically adjusts windrows for optimal positioning, ensuring seamless and consistent operation. Unlike conventional turners, the TCT 630 eliminates the need for a dedicated cabin and complex ventilation systems, significantly reducing maintenance requirements and overall operating costs.

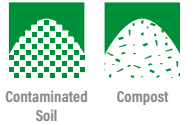
With a larger drum and increased throughput capacity, the TCT 630 is designed for high-volume composting operations. Its compact yet powerful

design allows for quick and safe transport between job sites, reducing downtime and maximizing productivity.

Equipped with "Turn-and-Go" functionality, the TCT 630 supports semi-autonomous operation, streamlining workflow and reducing operator workload. The radio-controlled system, with pre-installed work programs, ensures exceptional process quality while delivering up to 25% fuel savings. For enhanced operator comfort, an optional cab is available, providing safety and convenience during extended shifts.

Purpose-built for efficiency, reliability, and ease of use, the TCT 630 delivers superior windrow turning performance, making it the ideal solution for large-scale composting operations seeking maximum throughput and minimal operational costs.

KEY FEATURES



Remote control and semi-autonomous operation enhance operator safety, featuring customizable wear part fields and live turner images. An optional comfort cab is available for extended use.



Optional concentrate spraying system minimizes odor emissions and optimizes biological processes.

Gentle turning aerates windrows without shredding contaminants, preserving material quality and ensuring cleaner compost.



Operating programs or custom sequences automate windrow turning for maximum efficiency.



Optional irrigation system balances moisture during composting with easily preset parameters.

TECHNICAL DATA



TRANSPORT DIMENSIONS	GENERAL	POWERPACK
Length: 2,950mm (9.7ft)	Windrow Width Max. 6.3m (20.7ft)	CAT 9.3B, 340 kW.
Width (no cabin): 6,280mm (20.6ft)	Windrow Height Max. 2.9m (9.5ft)	
Width (including cabin): 8,625mm (28.3ft)	Windrow Cross Section Max. 9.8 m ² (11.8 yd ²)	
Height: 3,393mm (11ft)	Surface Utilization 1.56 m ³ /m ² (1.70 yd ³ /yd ²)	
Weight (no cabin) ca.: 17,900kg (39,462lbs)	Particle Size up to 300mm (11.8in)	
Weight (including cabin) ca.: 18,550kg (40,895lbs)	Clearance Height 2,600mm (8.5ft)	
	Turning Capacity up to* 5,000m ³ /h (6,600 yd ³ /h)	
	Rotor Speed 1/min (rpm) 0 – 220	
	Rotor Diameter 1,400mm (55.1in)	
WORKING DIMENSIONS		
Length: 4,600mm (15.1ft)		
Width: 6,300mm (20.7ft)		
Height: 3,400mm (11.1ft)		
Height (including cabin): 4,800mm (15.7ft)		

*Material Dependent
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.



Expert technical support

Terex Ecotec provide highly qualified service personnel to ensure that we have the ability to provide technical support when our customers need it. This support is provided in conjunction with our dealer network. We ensure our customers are supported throughout the lifecycle of their machine.



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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