

PRODUCT
SPECIFICATION



TCT 580

WINDROW TURNER



INNOVATIVE DESIGN, MINIMAL COMPLEXITY, MAXIMUM PRODUCTIVITY.

The TCT 580 Windrow Turner is a game-changer in composting, combining technology with a user-friendly operating concept to deliver productivity and efficiency. Designed to reduce workload while maximizing performance, the TCT 580 features a host of innovations that make it an indispensable tool for composting operations worldwide.



TCT 580

Innovating Windrow Composting with Turn-and-Go Efficiency



At the core of its design is the latest generation of rotors, engineered to gently turn windrows without shredding contaminants. This ensures that subsequent material processing remains straightforward, eliminating the challenges caused by overly fragmented contaminants. The TCT 580 also features a patented control unit that automatically corrects improperly positioned windrows, ensuring seamless operation. Unlike traditional turners, the TCT 580 eliminates the need for a cabin and costly protective ventilation systems, significantly reducing maintenance costs.

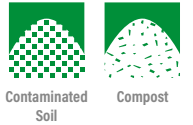
The compact design of the TCT 580 enhances its versatility, allowing it to be transported quickly and safely to and from job sites. This not only saves time but also reduces overall operational expenses.

With its "Turn-and-Go" functionality, operators can rely on semi-autonomous operation, further streamlining their workflow.

Radio-controlled with pre-installed work programs, the TCT 580 delivers exceptional process quality while offering up to 25% fuel savings. Optional comfort cabs are available for enhanced operator experience, ensuring safety and convenience during extended operations.

The TCT 580 is purpose-built for operators seeking reliability, efficiency, and simplicity in composting. Its innovative features and focus on productivity make it the ideal choice for turning organic waste into high-quality compost with ease.

KEY FEATURES



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



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



Remote control and semi-autonomous operation keep operators safe.



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



The tablet offers customizable data fields with optional live turner images for real-time monitoring.



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



Optional comfort cab adds convenience and safety for extended use.

Compact design ensures fast and safe transport to and from job sites.

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TECHNICAL DATA



| TRANSPORT DIMENSIONS | GENERAL | POWERPACK |
|--|---|-----------------------------|
| Length: 2,950mm (9.7ft) | Windrow Width Max.: 5.8m (19ft) | CAT 9.3B, 250 kW. |
| Width (no cabin): 5,780mm (19ft) | Windrow Height Max.: 2.8m (9.2ft) | |
| Width (including cabin): 8,124mm (26.7ft) | Windrow Cross Section Max.: 8.4 m ² (10 yd ²) | OPTIONS |
| Height: 3,393mm (11ft) | Surface Utilization: 1.45 m ³ /m ² (1.58 yd ³ /yd ²) | Comfort Cab |
| Weight (no cabin) ca.: 16,500kg (36,376lbs) | Particle Size: up to 300mm (11.8in) | Push-on bar |
| Weight (including cabin) ca.: 17,550mm (38,691lbs) | Clearance Height: 2,600mm (8.5ft) | Concentrate Spraying System |
| WORKING DIMENSIONS | Turning Capacity: up to* 4,500m ³ /h (5,900 yd ³ /h) | Irrigation System |
| Length: 4,600mm (15.1ft) | Rotor Speed: 1/min (rpm) 0 - 220 | |
| Width: 5,800mm (19ft) | Rotor Diameter: 1,400mm (55.1in) | |
| Height: 3,400mm (11.1ft) | | |
| Height (including cabin): 4,650mm (15.2ft) | | |

*Material Dependent
Specification subject to change without notice

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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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