



Compost
Systems

Machine technology

TracTurn

Compost turner



TracTurn

The flagship of tractor-driven compost turning. Perfect wherever high turning capacity and optimized logistics, coupled with economical operation, are inseparable companions.

High turning capacity,
perfect logistics and
easy transport



The TracTurn combines the loosening, aerating, mixing and side stacking of the material in one step.

High turning capacity, robustness and flexibility to work with any sort of windrow shape characterize the machine. In just a few minutes the TracTurn can be loaded onto a hook lift or drop deck trailer and thus makes it possible to serve several composting sites at once. Over 20 years of development in combination with highly developed and modern tractor technology form an unbeatable, efficient and field-tested performance unit!

Benefits using the TracTurn

Gentle operating speed of the rotor

The low turning speed of the rotor prevents aggressive shredding action of any contaminants such as plastic film. This secures effective removal of contaminants at the end of the process by screening and windsifting.

Easy transport

from site to site with trailer and tractor.

Permanent side stacking

No risk of mixing sanitized compost with freshly placed windrows due to permanent side stacking. Windrow migration brings optimized logistics by saving wheel loader hours.

Flexible towing vehicle

Can also be used for other purposes.

Significant fuel savings

compared to other side stacking solutions through the use of advanced and modern tractor technology.

Solution with side cutter

Cuts the pile up to a height of 2.3 m.

Loose pile building

by conveyor belt, ensures an ideal oxygen supply inside the windrow.

High resell value of the tractor

Tractors have an extremely high value on the used market. The infrastructure for service is perfectly developed.





Independent of windrow shape
up to 2.3 m windrow height



The compost material is picked up by the rotor and placed laterally on a new windrow without any driving isle by a bottom and incline conveyor belt. Fluffing and mixing the compost together with a continuous side movement are essential functions of the TracTurn to provide ideal conditions for an optimized process. From a sanitary point of view, this logistical process means that there is no contact between freshly delivered material and finished compost.



Trapezoid shaped pile



Triangle shaped piles



Windrow without tramline



Joining piles





01

TracTurn, material ejection to the right



02



03



04



05



06



07

02 TracTurn without cutting chain, material ejection to the right
 03 TracTurn with cutting chain, material ejection to the left
 04 Easy transport

05 Triangle shaped piles
 06 Windrow without tramline
 07 Joining piles

Technical data

Max. windrow height:	2.3 m
Rotor length:	3.7 m
Transport dimensions (W x L x H):	2.92 x 5.70 x 2.48 m
Transport weight:	~ 6 t
Tractor power:	from 210 hp
Turning rate:	1,000 - 2,000 m ³ /h
Operating speed:	50 - 1,000 m/h

Material ejection to the right is standard, ejection to the left is also possible on request.

Due to manufacturing tolerances and design changes, the dimensions given may vary slightly. All data subject to change without notice.

Options:

Cutting chain

Material ejection to the left



Scan to watch the video TracTurn

Requirements for the tractor

Recommended tractor power from 210 hp

> 10,000 kg lifting capacity of the lower linkage (depending on tractor model, more may be required)

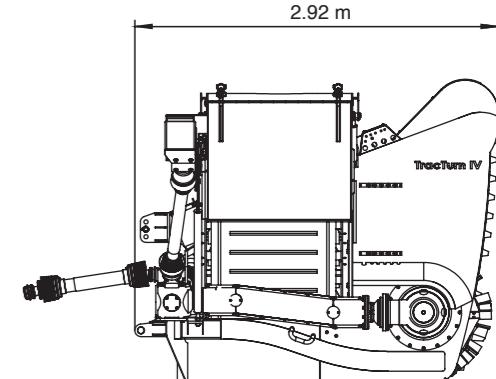
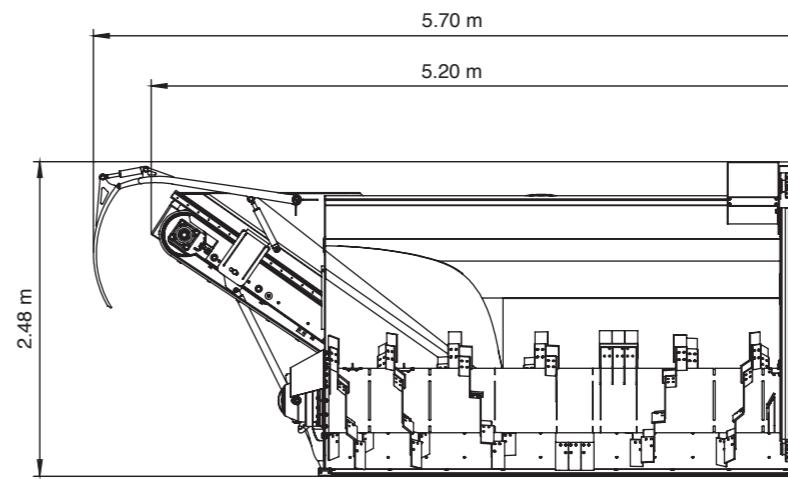
Supercreeper gear or variable transmission

12 V power supply (min. 10 A fuse) - three pin connection

3 double-acting hydraulic control units at the rear

Ballasting of the front axle from 2,000 kg (depending on tractor model)

3-point hitch with hydraulic top link: Cat. 3 or Cat. 4





Compost
Systems

Made in Austria – Approved worldwide

As a leader in solutions for biological waste treatment, we have been working on high-performance and economical machine technology since 1987. Through many years of experience and relevant expertise, we have managed to produce Austrian quality products for efficient, material-friendly compost production. Whether in the gardening, agricultural or purely industrial sector - we provide you with suitable solutions.

Plant components

Compost covers

Machine technology

Container technology

Measurement technology

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Errors and omissions excepted. Subject to printing errors.
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