



## TERRA SPIKE® GXi6 HD / 8 HD

For deep aeration and removal of compaction up to a depth of 10"

- Central tine adjustment and depth adjustment
- Integrated damping system
- Integrated tine fitting and removal system
- Wide range of tines and rear accessories

# For deep aeration and removal of compaction up to a depth of 10"

The principle of “time is money” applies now more than ever to professional turf maintenance. Whether a golf course or an athletic field, the amount of time you have at your disposal is becoming increasingly limited while the players are placing even more exacting demands on the quality of the turf. Regular deep tining and deep aeration are important requirements for healthy root growth. After decompacting the ground, the roots can penetrate deeper into the soil and make better use of water and nutrients. This improves water flow and airflow in the soil, eliminating thatch and improving the strength of the grass. Despite all the technical innovations in the past, this type of maintenance work has always been a time consuming task. The new generation of TERRA SPIKE® GXi 6 HD / 8 HD deep aerifiers by Wiedenmann revolutionizes turf maintenance and sets new standards in speed, productivity, and quality of work, saving up to 60% of the time you previously spent on maintenance.

The TERRA SPIKE® GXi 6 HD / 8 HD has only 6 greasing points and, with the exclusive QuickFit system, tricky and time consuming tine replacement is now a thing of the past.

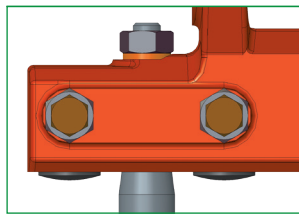
In addition, your well-being is as important to us as your productivity. That's why we have added two unique damping systems, VibraStop and PowerPack, into the TERRA SPIKE® GXi 6 HD / 8 HD so you can finish your work quickly and with minimal stress on you and your tractor.

Loosen and aerate your turf at an unprecedented working depth and speed. The high productivity of the TERRA SPIKE® GXi 6 HD / 8 HD will impress you!

## The advantages:



**Precise tine penetration**  
controlled with the ATC (Advanced Time Control).



**Fast tine exchange**  
with QuickFit, the simple tine attachment and removal system.



**Protection against damage**  
VibraStop/PowerPack form an efficient damping system against jolting and vibration.



**Tool-free adjustment**  
of the tine angle and the working depth with the QuickSet feature.

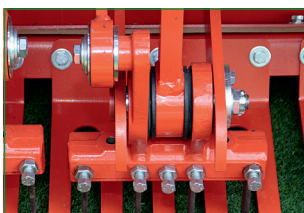
## Mode of operation:



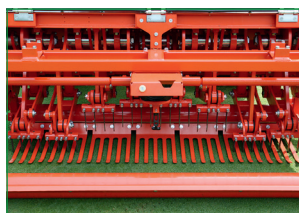
**Productivity**  
The TERRA SPIKE® GXi 6 HD / 8 HD is designed for high working speeds and excellent quality of work, meaning less time aerifying and more time available for sporting activities. Your players will thank you.



**Crankshaft**  
The robust, computer optimized crankshaft utilizes large maintenance-free ball bearings. You will be surprised by how smoothly the TERRA SPIKE® GXi 6 HD / 8 HD runs.



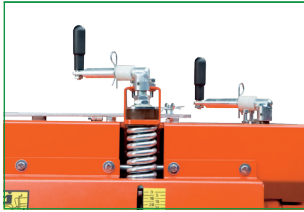
**Tine holders**  
The sturdy tine holders with large ball bearings are designed to withstand heavy-duty use. The ball bearings and tine holders are resistant to impact, dirt, and sand, ensuring reliable operation at all times.



**Turf retainer**  
The optional turf retainer prevents damage to turf with shallow roots. The turf retainer is designed to match the tine spacing, regardless of whether you fit 2 or 4 tines per tine holder.

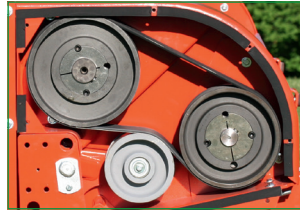


## Mode of operation:



### PowerPack

PowerPack absorbs shocks and vibrations. It also contributes to the protection of the driver from vibrations. Tractor and machine are simultaneously protected against harmful peak loads. The combination of PowerPack and VibraStop makes the TERRA SPIKE® GXi 6 HD / 8 HD quick, effective, and highly productive.



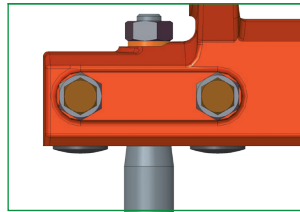
### TwinDrive

The exclusive TwinDrive symmetrically drives both sides of the continuous crankshaft. If harmful load peaks occur during work, e.g. if the tines strike a stone, the forces are absorbed by the special two-sided V-ribbed belt. The fully encapsulated drive is dust and dirt proof.



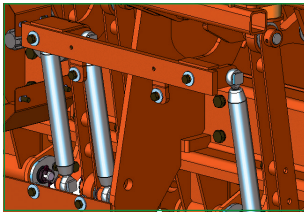
### QuickSet

The QuickSet allows you to adjust the TERRA SPIKE® GXi 6 HD / 8 HD quickly, correctly, and tool-free with three cranks. One crank for working depth adjustment and two cranks for heaving angle adjustment. Working depth and heaving angle are clearly indicated on large scales.



### QuickFit

The tine adaptors for the 3/4" solid tines and 1" hollow tines are conical to ensure the tines lock securely into place. Tines can be mounted and removed effortlessly with the integrated QuickFit tine mounting and extraction system. Easy and quick tine replacement means higher productivity.



### ATC Control

The unique Advanced Tine Control (ATC) system ensures precise plunging action. Constant hole spacing is maintained and the quality of work meets the highest standards even at high working speeds. To maintain these actions, all moving parts of the ATC system are mounted on the front of the TERRA SPIKE® GXi 6 HD / 8 HD, safely outside the working range of the tines.



### VibraStop

VibraStop provides a uniquely smooth running operation. It protects the driver and tractor from vibrations as well as helping prevent damage to tools from knocks and shocks. VibraStop corresponds to the EU Directive 78/764/EEC with respect to whole body vibrations.

## Optional equipment:



### Multi-tine holder

Solid tines (3/16" x 2 1/2", 3/16" x 5 1/4", 5/16" x 2 1/2", or 5/16" x 6") are mounted in the nail board multi-tine holder. 8, 16, or 24 tines can be mounted, depending on the task and the required hole pattern. The "sandwich construction" of the nail board allows quick and easy tine replacement.



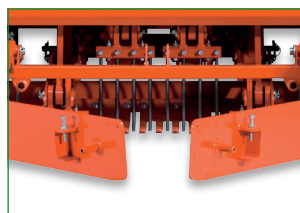
### Special GXi HD

For heavy-duty use conditions, the weight of the GXi HD can be increased by adding a ballast weight of approximately 99 lbs. The rear roller consists of either a one piece or three piece roller that precisely follows the ground contours.



### Range of tines

A complete range of solid and hollow tines allow the TERRA SPIKE® GXi 6 HD / 8 HD to master every job.



### Windrow

When using hollow tines, the cores can be deposited in rows if using the optional windrow. This makes subsequent collection of the cores much easier.

TECHNICAL DATA	TERRA SPIKE® GXi 6 HD	TERRA SPIKE® GXi 8 HD
Working width:	55"	72"
Weight (Standard design without tool and crankshaft) approx.:	1400 lbs.	1800 lbs.
Max. working depth:	10"	10"
Dimensions L / W / H approx.:	46" / 73" / 54"	46" / 90" / 54"
Mounting:	rear 3-point cat. I	rear 3-point cat. I
Tractor PTO speed:	540 RPM	540 RPM
QuickSet / QuickFit / PowerPack / VibraStop:	standard	standard
Max. tractor engine power:	37 / 50 HP	45 / 60 HP
Minimum tractor lifting capacity approx.:	1760 lbs.	2350 lbs.
Solid tines O.D.:	3/16", 5/16", 1/2", 3/4"	3/16", 5/16", 1/2", 3/4"
Hollow tines O.D.:	3/8", 1/2", 5/8", 3/4", 1"	3/8", 1/2", 5/8", 3/4", 1"
Rear roller one piece in floating suspension:	optional	standard
Rear roller 3 parts in floating suspension:	optional	-
Turf retainer:	optional	optional
Addtl. weight:	optional	optional
Windrow:	optional	optional
Multi-tine holder for solid and hollow tines up to 1/2" O.D.:	optional	optional
Nail board for 3/16" solid tines:	optional	optional
<b>Area coverage in continuous operation in square feet per hour at a crankshaft speed of 485 RPM</b>		
485 RPM; at 1 mph; square hole spacing 2" approx.:	23,672 sq.ft./hr	30,128 sq.ft./hr
385 RPM; at 2 mph; square hole spacing 4" approx.:	46,806 sq.ft./hr	60,256 sq.ft./hr
<b>Area coverage in continuous operation in square feet per hour at a crankshaft speed of 385 RPM</b>		
385 RPM; at 0.8 mph; square hole spacing 2" approx.:	19,368 sq.ft./hr	24,618 sq.ft./hr
385 RPM; at 1.6 mph; square hole spacing 4" approx.:	36,046 sq.ft./hr	47,344 sq.ft./hr

Descriptions and images are not binding. Constructions and design are subject to modifications.

Further information:

Wiedemann North America, LLC  
 25A Telfair Place | Savannah | Georgia 31415 | USA  
 Phone 912-790 3004  
[info@wiedemannusa.com](mailto:info@wiedemannusa.com)

Follow us on social media



[www.wiedemannusa.com](http://www.wiedemannusa.com)

