



THE COMPLETE PROGRAMME

Machines for professional turf and golf course maintenance, dirt removal and winter service.

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NATURAL TURF



HYBRID TURF



ARTIFICIAL TURF



REMOVAL OF
GRASS AND LEAVES



DIRT CLEARANCE



WINTER
MAINTENANCE

WIEDENMANN GMBH

Solutions as diverse as the seasons.

Whether spring, summer, autumn or winter – whether professional turf and golf course maintenance, dirt clearance or snow removal services: you can rely on machines from Wiedenmann in every season.

True to our guiding principle “Only the best for the customer”, our versatile accessory equipment programme for compact tractors and light commercial vehicles offers optimal, demand-driven solutions for both commercial as well as municipal customers. The emphasis of the product line is on machines for turf regeneration, for taking up and removing grass and leaves, mowing machines and turf sweepers as well as snow and dirt sweepers, snow rake blades and winter gritting equipment.

As one of the world-wide leading manufacturers, our approximately 245 employees in the German town of Rammingen near Ulm as well as in the Hungarian town of Beled regularly set new standards of innovative technologies and uncompromising quality. Numerous innovation prizes, patents and proprietary rights testify the high-performance expectations of the family-owned company founded in 1964. With a far-sighted vision, we continually invest a substantial part of our annual turnover in research and development. This means that today we can already offer you the solutions of tomorrow.

WE ARE TURF

Ideas for tomorrow. With the know-how of today.

Innovation already begins in the development phase. This is why our engineers exclusively use state-of-the-art 3D-CAD technology to exclude any possible weak points in the development process. Changes in the form or parts can be made without manufacturing expensive samples. Dimension accuracy up to a thousandth of a millimetre, and the ability to rapidly create and modify drawings are additional advantages of this design method. This decisively reduces the development time and costs of a new product, resulting in a less expensive sales price for you.

Every new development must prove itself in a long test phase of extensive and rough practical trials, and they must meet the development target to one hundred per cent. Only then will they be released for production.

Each machine is carefully assembled to meet specific customer requirements. Then an intensive final inspection is conducted. Finally, every machine is packed for safe transport and prepared for on-time shipment to the customer.

As a manufacturer of machinery for turf maintenance and municipal services, we feel particularly responsible for using environmentally friendly production processes. We do justice to increasing demands for the lowest possible levels of environmental pollution with our semi-automatic blasting system. The cleaned surface provides the optimum basis for subsequent coating processes.

The prepared parts are subsequently painted by powder coating.

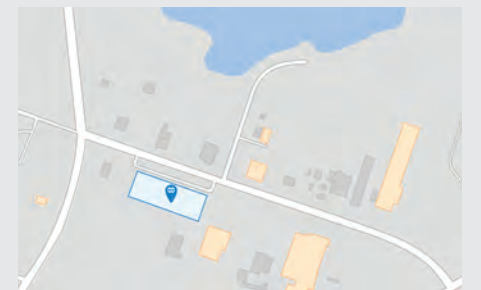
Electrostatically charged coloured powder particles are sprayed on and burned in at about 220 °C.



MAIN LOCATION
Wiedenmann GmbH



PRODUCTION
Wiedenmann Kft

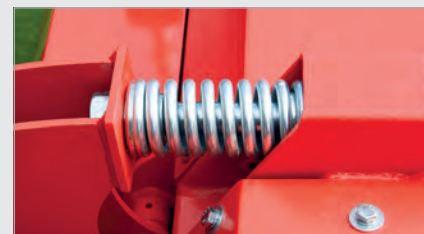


BRANCH
Wiedenmann North America LLC

NATURAL TURF



Exclusively from Wiedemann: More innovations for more comfort.



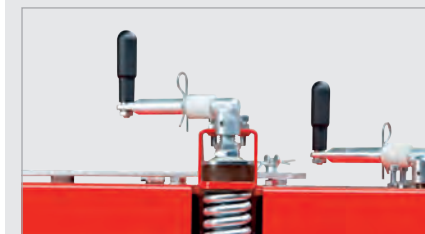
VibraStop

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



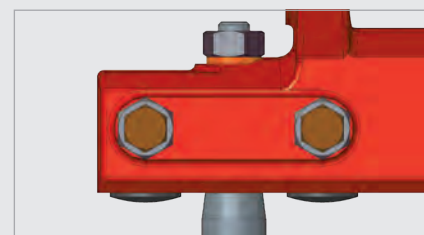
QuickSet

Thanks to QuickSet, work depth and loosening angle of all TERRA SPIKE® models can be adjusted tool-free with three cranks and a few manual operations. The broad range of adjustment of the loosening angle from 90° – 65° lets you optimally adapt the loosening intensity to specific ground conditions and degree of compaction.



PowerPack

PowerPack likewise absorbs shocks and vibrations. It also contributes to the effective protection of the driver from vibrations. Tractor and machine are simultaneously reliably protected against harmful peak loads.



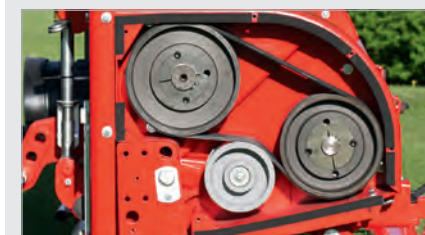
QuickFit

The tine mount is conically formed for TERRA SPIKE®, giving the tines an absolutely firm seat. The full or hollow tines are assembled or disassembled rapidly and effortlessly by the QuickFit integrated tine attachment and extraction system.



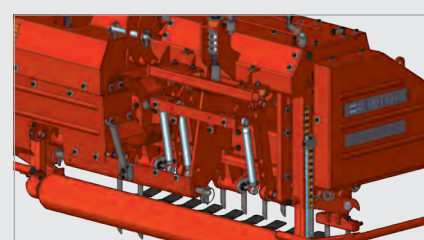
QuickChange

QuickChange is an exchangeable tine holder. The tine housing is quickly replaceable with one screw only. A standard tine housing with a diameter of 12 mm is available as well as a tine housing dedicated for hollow tines that eject to the top.



TwinDrive

TwinDrive symmetrically introduces force from both sides to the robust, 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.



ATC-Kontrolle

ATC (Advanced Tine Control) controls the precise incision of the tines and ensures uniform hole spacing, even at high working speeds. All movable parts of the ATC tines control are assembled completely outside the working and dirt area of the tines.

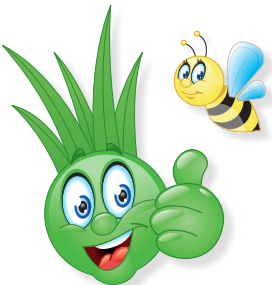


TURF REGENERATION

TERRA SPIKE models for Greens and Tees

Modèle	TERRA SPIKE SL	TERRA SPIKE GXi-6	Greens TERRA SPIKE G6/160	TERRA SPIKE GXi-8
Working width:	1400 mm	1400 mm	1600 mm	1800 mm
Max. working depth with Solidtines:	200 mm	250 mm	275 mm	250 mm
Max. working depth with Coringtines:	150 mm	200 mm	200 mm	200 mm
Weight (Standard version without tools / accessories):	468 kg	590 kg	635 kg	890 kg
Min. required driving power:	20 hp	25 hp	25 hp	35 hp
Min. Required tractor lifting capacity:	600 kg	800 kg	900 kg	1050 kg
crankshaft speed rpm:	280 / 360 / 460	385 / 485	175 / 232 / 290	385 / 485
Max. Working speed:	3,0 km/h	3,2 km/h	2,4 km/h	3,2 km/h
Max. area efficiency with 55 mm hole spacing:	1970 m²/h	2200 m²/h		2800 m²/h
Max. area efficiency with 110 mm hole spacing:	3950 m²/h	4350 m²/h		5600 m²/h
Max. area efficiency with 65 mm hole spacing:			1810 m²/h	
Max. area efficiency with 130 mm hole spacing:			3620 m²/h	

TERRA SPIKE®
SL6



Protection against damage

VibraStop/PowerPack form an efficient damping system to prevent jolting and vibration.



Adjustment of the crankshaft speed

to the available tractor power with TwinDrive.



Simple tine replacement

with only one screw with the QuickChange feature.



Individual adjustment

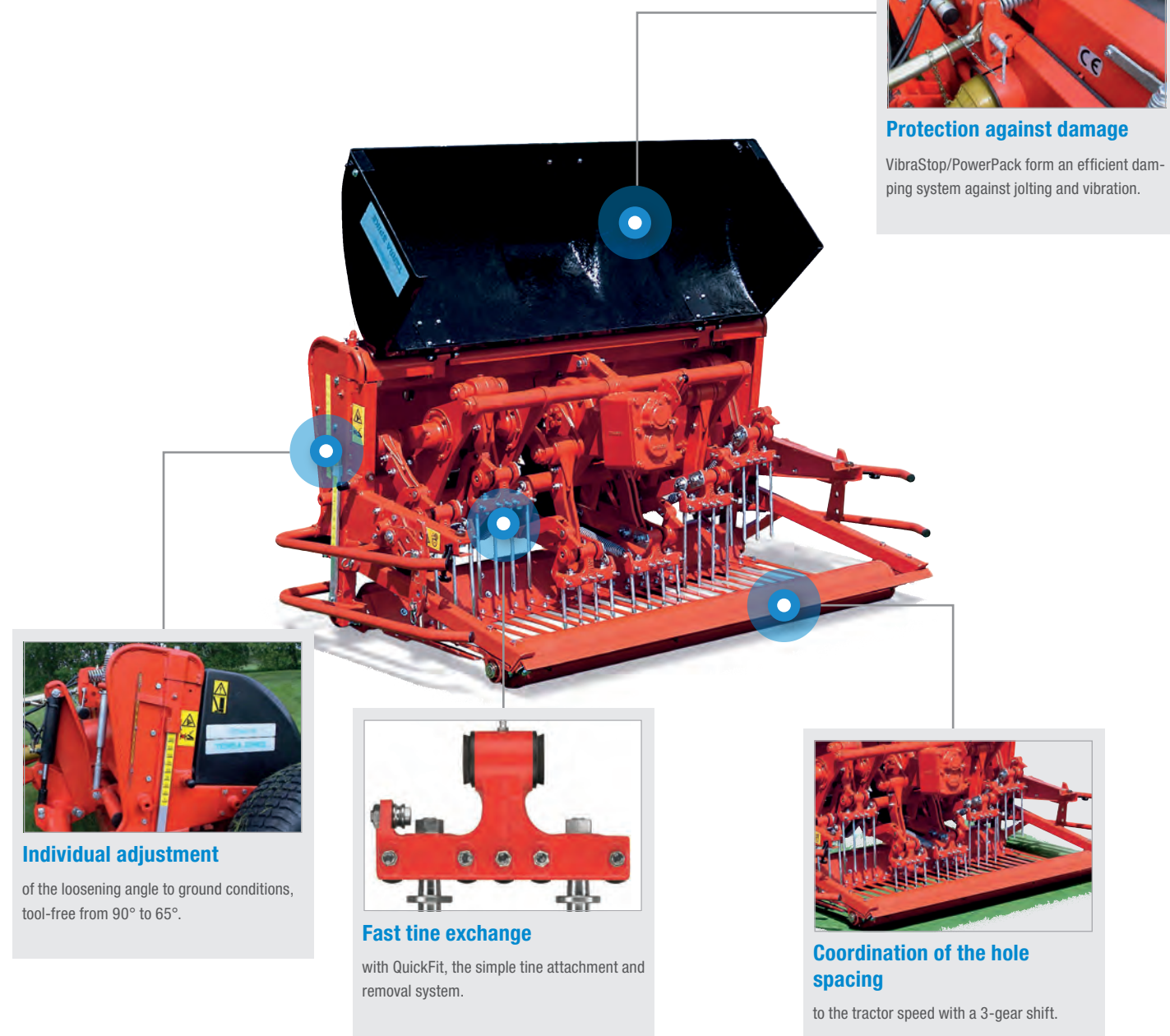
of the loosening angle to ground conditions, tool-free from 90° to 65°.

For deep aeration and removal of compactions up to 20 cm depth.

Its gentle working procedure is equally popular for users and players because it does not interrupt or impair game operations. The compact mounting is suitable for tractors from 18 kW (25 HP) and allows large area coverage with simultaneously impressive work quality. A crank lever and the QuickFit make it easy to rapidly and exactly adjust the working depth and the loosening angle. The TERRA SPIKE® SL is equipped with exchangeable tine holders. The tine heads can be rapidly exchanged with only one screw.

Optional equipment: Solid tines, cross tines, coring tines, multi-tine holder, turf retainer, core swath board.

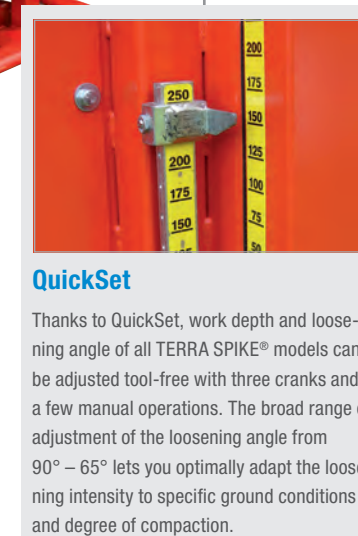
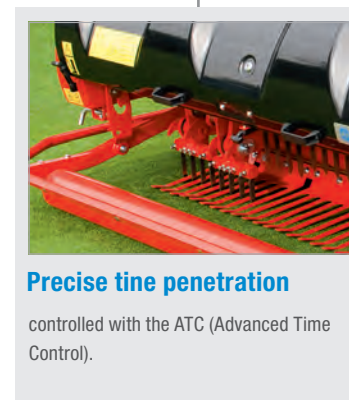




For deep aeration and removal of compactions up to 30 cm depth.

The Greens TERRA SPIKE® is predominantly used on golf greens and other fine lawns. It meets the highest requirements on work quality and operating friendliness. Along with many additional excellent performance characteristics, its working depth of up to 30 cm makes it a reliable companion for green keeper and grounds man.

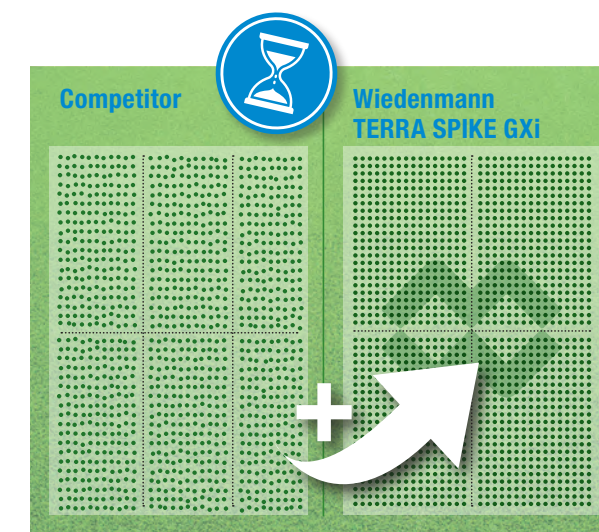
Optional equipment: Solid tines, cross tines, coring tines, multi-tine holder, turf retainer, core swath board, hydraulic roller brushes, supplementary weight.



For deep aeration and removal of compactions up to 25 cm depth.

The TERRA SPIKE® GXi was especially developed for use on golf greens, tees, and sandy sports fields as well as other fine lawns. Its gentle working procedure is equally popular for users and players because it does not interrupt or impair game operations. The compact mounting is suitable for tractors from 15 kW (20 HP) and allows large area coverage with simultaneously impressive work quality. Two scales and three cranks ensure easy setting of work depth and incision angle.

Optional equipment: Solid tines, cross tines, coring tines, multi-tine holder, turf retainer, core swath board, supplementary weight.





TURF REGENERATION

Comparison TERRA SPIKE models for Fairways und Sports fields

Modell	TERRA SPIKE XP-6	TERRA SPIKE XF-6	TERRA SPIKE XD-6	TERRA SPIKE XP-8	TERRA SPIKE XF-8	TERRA SPIKE XD-8
Working width:	1600 mm	1600 mm	1600 mm	2100 mm	2100 mm	2100 mm
Max. working depth with Solidtines:	400 mm	220 mm	275 mm	400 mm	200 mm	275 mm
Max. working depth with Coringtines:	250 mm	200 mm	200 mm	250 mm	220 mm	200 mm
Weight: (Standard version without tools / accessories)	960 kg	1016 kg	1098 kg	1200 kg	1216 kg	1320 kg
Min. required driving power:	30 hp	40 hp	40 hp	40 hp	50 hp	50 hp
Required tractor lifting capacity:	1200 kg	1310 kg	1390 kg	1500 kg	1590 kg	1690 kg
crankshaft speed rpm:	145 / 165 / 187	345 / 410 / 485	345 / 410	145 / 165 / 187	345 / 410 / 485	345 / 410
Max. Working speed:	1,5 km/h	3,8 km/h	3,2 km/h	1,5 km/h	3,8 km/h	3,2 km/h
Max. area efficiency with 65 mm hole spacing:	1200 m²/h	2950 m²/h	2500 m²/h	1575 m²/h	3930 m²/h	3400 m²/h
Max. area efficiency with 130 mm hole spacing:	2400 m²/h	5900 m²/h	5000 m²/h	3150 m²/h	7870 m²/h	6700 m²/h



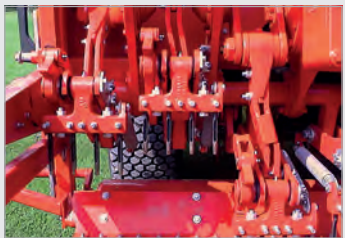
Protection against damage

VibraStop/PowerPack form an efficient damping system to prevent jolting and vibration.



Individual adjustment

of the loosening angle to ground conditions, tool-free from 90° to 65°.



Fast tine replacement

with QuickFit, the simple tine fitting and removal system.



QuickSet

Thanks to QuickSet, work depth and loosening angle of all TERRA SPIKE® models can be adjusted tool-free with three cranks and a few manual operations. The broad range of adjustment of the loosening angle from 90° – 65° lets you optimally adapt the loosening intensity to specific ground conditions and degree of compaction.

For deep aeration and removal of compactions up to 40 cm depth.

The TERRA SPIKE® XP is distinguished by its work depth of up to 40 cm, its working speed, the exceptional quality of work and the ease of operation. With two scales and three cranks, you always have the central depth adjustment and central incision angle adjustment under control. A robust 3-gear transmission permits you to exactly set the desired hole spacing harmonised to the desired working speed and number of tines.

Optional equipment: Solid tines, cross tines, coring tines, multi-tine holder, turf retainer, core swath board, carriage, hydraulic roller brushes, hydraulic depth adjustment, supplementary weight.





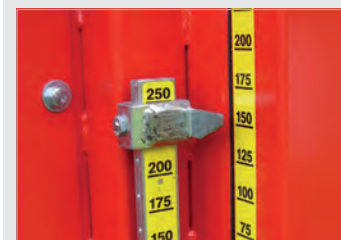
Absorption of jolts and vibration

The VibraStop damping system minimises the strain on driver, machine and tools.



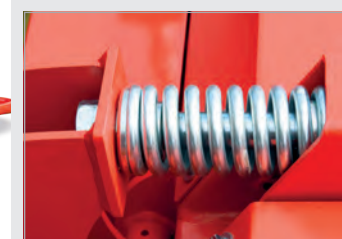
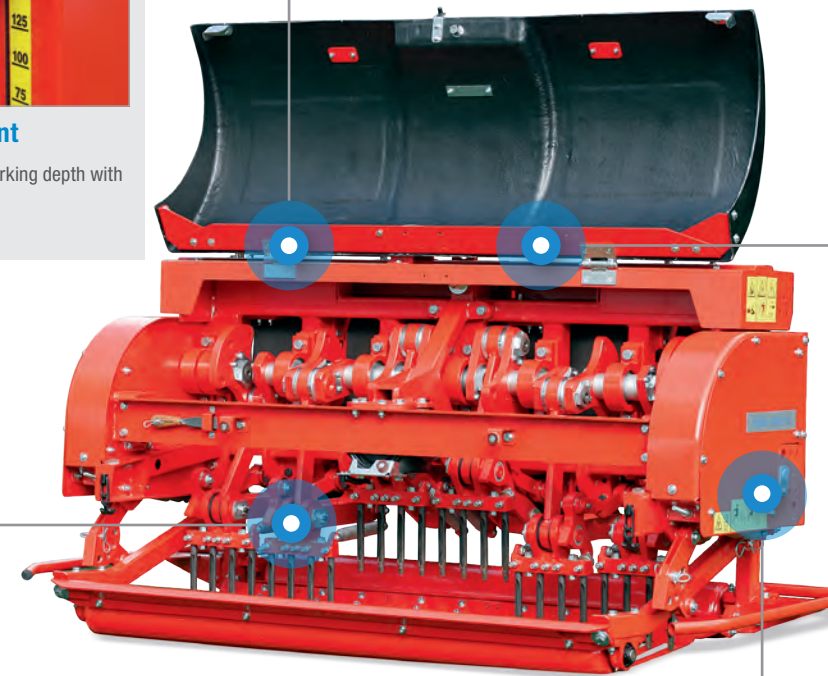
Simple working depth adjustment

Tool-free with hand crank.



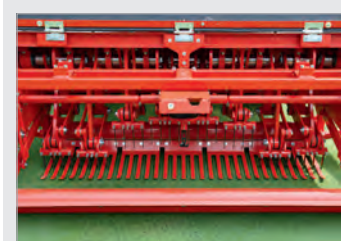
Tool-free adjustment

of the tine angle and the working depth with the QuickSet feature.



Absorption of jolts and vibration

The VibraStop damping system minimises the strain on driver, machine and tools.



The turf surface is protected

with the optional turf retainer that prevents damage to poorly rooted turf.



Adjustment of the crankshaft speed

to the tractor performance with TwinDrive.



Individual adjustment

of the loosening angle to ground conditions, tool-free from 90° to 65°.



Adjustment of the crankshaft speed

to the tractor performance with TwinDrive.

For deep aeration and removal of compactions up to 22 cm depth.

The TERRA SPIKE® XF is the king of the deep aerators. It will loosen and aerate your turf at a working speed of up to 6 km/h. Thanks to VibraStop and PowerPack, it is uniquely smooth-running. The encapsulated TwinDrive propulsion, the simple setting of the working depth up to 22 cm as well as the tool-free adjustment of the loosening angle with the QuickSet System and the integrated tine attachment and removal system QuickFit has found favour across the entire line.

Optional equipment: Solid tines, cross tines, coring tines, multi-tine holder, turf retainer, core swath board, hydraulic roller brushes.



For deep aeration and removal of compactions up to 27.5 cm depth.

Loosen and aerate your turf at a working speed of up to 5 km/h with the TERRA SPIKE® XD. Thanks to the two damping systems VibraStop and PowerPack, the machine's running smoothness is unique. The work depth is set simply and tool-free by means of a hand crank. Optionally, the work depth can be set hydraulically from the tractor cab – also during the work.

Optional equipment: Solid tines, cross tines, coring tines, multi-tine holders, turf retainer, core swath board.





Optimum working speed

as the hydrostatic drive optimally adapts to requirements.



Seamless disposal chain

without manual work allows the hydraulic high dump.



Ideal adjustment

to ground conditions with the floating brush head, also on undulating terrain.



Seamless disposal chain

without manual work allows the hydraulic high dump.



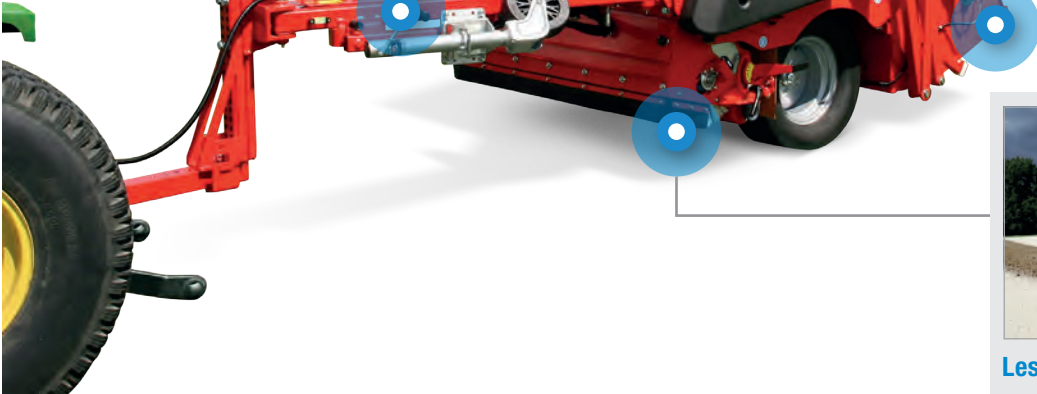
Ideal adjustment

to ground conditions with the floating brush head, also on undulating terrain.



Less strain on the turf

and less need for reworking due to reversing technology. Sanding before aeration possible.



Less strain on the turf

and less need for reworking due to reversing technology. Sanding before aeration possible.

Collection/separator combination for collecting and processing cores.

The CORE RECYCLER **WB** (walk behind) is a unique machine on the market for golf greens and tees. Its sweeping head unit gently takes up cores that have been previously punched out and transfers them to the separator. This unit consists of four turning, individually settable drum screens. Rough organic components such as thatch are separated from the bound sand. The sand is subsequently returned to the earth and the organic mass is pitched into the collecting container. This action means a considerable time and cost saving for surface sanding, since up to 80 % of the valuable sand/ground mixture is reintroduced into the turf. Additionally, the CORE RECYCLER **WB** can be employed for core collection when the separating function of the sieves is switched off with special inserts.

Two different basic models are available for selection:
Towed version **CORE RECYCLER WB** (walked behind)
Trailed version **CORE RECYCLER TB** (trailed behind)

Technical data	
Machine widths in cm approx.:	120 cm
Dimensions L/B/H in cm approx.:	272 / 178 /150 cm
Max. tare weight approx.:	650 kg
Front tires (impeller wheels):	24 x 13.00 – 12
Rear tyres (dual wheels):	13 x 5.00 – 6
Motor:	Honda GX 390 mit E-Starter
Performance:	8,7 kW (11,8 hp)
Fuel tank in L approx.:	6,1 l
Collecting tank volume in L approx.:	400 l
High dumping in cm approx.:	150 cm

Variante tractée CORE RECYCLER TB

The CORE RECYCLER **TB** (trailed behind) is a unique machine on the market for golf greens and tees. Its sweeping head unit gently takes up cores that have been previously punched out and transfers them to the separator. This unit consists of four turning, individually settable drum screens. Rough organic components such as thatch are separated from the bound sand. The sand is subsequently returned to the earth and the organic mass is pitched into the collecting container. This action means a considerable time and cost saving for surface sanding, since up to 80 % of the valuable sand/ground mixture is reintroduced into the turf. Additionally, the CORE RECYCLER **TB** can be employed for core collection when the separating function of the sieves is switched off with special inserts.

Version: towed with internal combustion engine or PTO-mounted pump.

Technical data	
Machine widths in cm approx.:	120 cm
Dimensions L/B/H in cm approx.:	375 / 169 / 157 cm
weight approx.:	750 kg
High dumping in cm approx.:	150 cm
Area output approx.:	3.500 m²/h
Tipping height	Ground-level dumping





TURF REGENERATION

Models for natural and hybrid turf

Modèle	TERRA SLIT	TERRA FLOAT	TERRA FLOAT AIR	TERRA SEED	TERRA RAKE	TERRA BRUSH	TERRA GROOM	SUPER 1300	SUPER 500	SUPER 600
Soccer field	√	√	√	√	√	√	√	√	√	√
Golf course	√	√	√	√	√	√	√	√	√	√
Hybrid turf	√	√	√	√	√	√	√	(√)	(√)	(√)

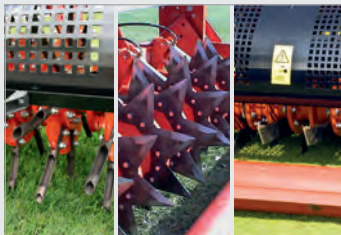
- √ possible without restrictions
- (√) only possible to a limited extent - no cutting into the lawn

perfect
CARE
for PERFECT
use.



Weight transfer

With the hydraulic system, the weight of the tractor can be transferred to the rotor.



Working depths of up to 200 mm

permit intensive-loosening, standard or fin cutting blades.



Loosening, slitting or aerification.

Effectively eliminates soil compaction up to 20 cm depth. The device can be equipped with standard or high-lift knives depending on degree of compression and soil conditions. For slitting up to a depth of 15 cm, it can also be equipped with fine-cut knives and with hollow tines up to a depth of 8 cm for cutting out thatch.

Optional equipment: Standard loosening, intensive loosening, fine-cut knives, hollow tines, follow-up roller, supplementary weight, hydraulic weight transfer system, carriage, overseeding unit, spring tines for overseeding unit.

Technical data	
Working width:	160 cm
Max. working depth:	20 cm
Weight:	314 bis 1000 kg
Lifting capacity:	1000 kg
Min. driving power:	22 kW (30 hp)
Row spacing:	7,5 / 15 cm



Spiking, aerating and overseeding.

The device can be alternatively equipped with a tool roller with spiking or star segments. The three-part, oscillating suspension adapts well to undulating ground and ensures uniform work depth. In a single pass, the spiking segment with full tines (hole spacing 3 cm) produces an unbeatable 1,500 holes per m², the serrated star segments 500 slits per m².

Optional equipment: Full tines, star segment, overseeding unit, spring tines for overseeding unit, follow-up roller, supplementary weight, carriage, hydraulic weight transfer system.

Technical data	
Working width:	150 cm
Working depth:	3 cm
Weight:	308 bis 1000 kg
Lifting capacity:	1000 kg
Min. driving power:	22 kW (30 hp)
Row spacing:	3 cm
Quantities distributed:	2-50 g/m³



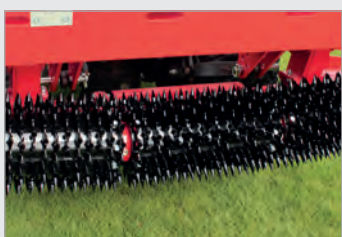
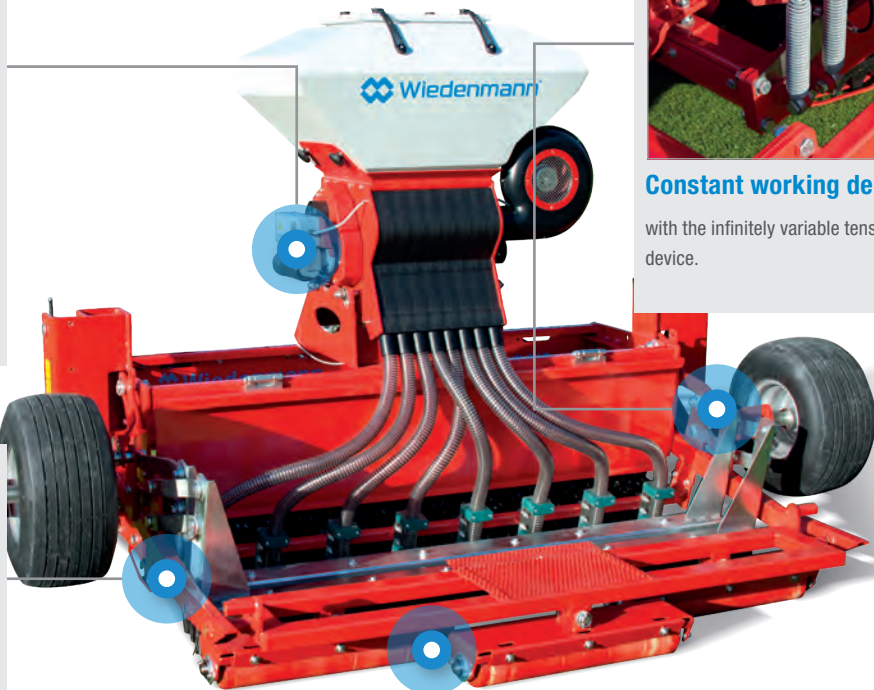
Control module with memory function
Important input and calibration data can be recalled for subsequent assignments.



Brush-roller combination
for incorporation of top dress material and for smoothing the surface.



Constant working depth
with the infinitely variable tension spring load device.



Optimum ground adaptation
with the three-section design of the perforation roller.

The multi-functional combined device for golf greens, tees and sport grounds.

TERRA FLOAT AIR was developed for all users with particularly high demands regarding professional turf maintenance. This system is ideal for loosening surfaces, incorporating top dress material and professional overseeding. The three-section perforation roller ensures optimum adjustment to the terrain and a constant working depth, also on undulating surfaces. The turf retainers ensure that the sod is not ripped up. In addition to different brushes and rollers, the TERRA FLOAT AIR also includes various perforation tools. With this device Wiedenmann presents a compact machine of modular design with an impressive range of applications.

Optional equipment: Preparation of seed beds with spike or star rollers, various overseeding rollers for the distribution unit, various brush hardness levels for incorporating seeds or top dress material, carriage, hydraulic weight transfer, additional weights.

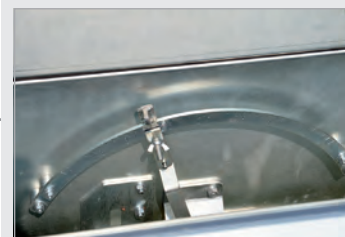
Technical data	
Working width:	150 cm
Working depth:	3 cm
Weight:	314 bis 1000 kg
Lifting capacity:	1000 kg
Min. driving power:	22 kW (30 hp)
Row spacing:	3 cm
Quantities distributed:	2-50 g/m³



Intensive seed-soil contact
for regular, stripe-free seed distribution.



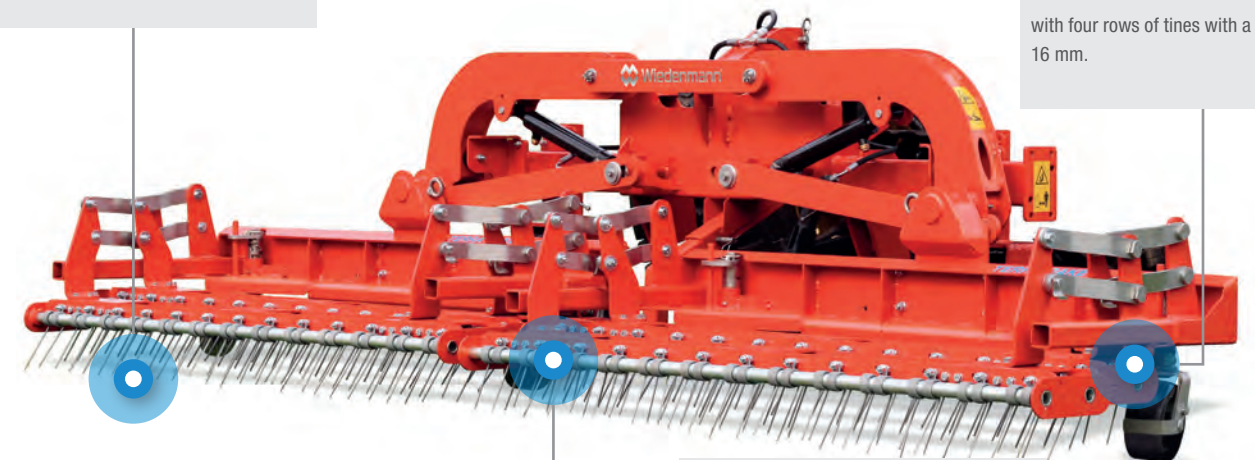
The short distance between seed discharge opening and turf
réduit le risque d'empatement par le vent.



Fine adjustment of the seed volume
as well as fast changeover of the seed type is easy with the special flow simulation device.



5 year warranty
for tine breakage.



Optimum material flow
with four rows of tines with a spacing of 16 mm.



Constant vibration strength
is guaranteed with parallelogram-guided tines, also on undulating terrain.



Turf overseeding system.

The special spring tines of TERRA SEED open up the ground surface. The integrated agitator shaft ensures a uniform, stripe-free distribution of seeds. The following parallelogram-guided seed brush returns the seeds into the spring tine groove. The subsequent seed roller presses the seeds into the ground.

Optional equipment: Lateral pneumatic guidance wheels.

Technical data	
Working width:	160 cm
Weight:	215 kg
Container capacity:	120 Liter
Quantity distributed:	5-50 g/m ²

Extremely stable for heavy-duty continuous use.

Dead plant parts, leaves or superficial roots develop thatch on the soil surface. The parallelogram guided TERRA RAKE eliminates this problem quickly and efficiently. Due to the high travel speed of 10 to 15 km/h, the scarifying tines undergo aggressive vibrations that pull the thatch out of the sward and place it on the surface. The tines are arranged in 4 rows to allow blockage-free scarification between the individual tines. The two-part unit is moved from the working position to the transport position by hydraulic cylinders. Foldable in working widths of 3.50 m and 4.60 m. In the trailed version, the device is brought into the transport position via an electric spindle.

Technical data	
Working width:	170 / 230 / 350 / 460 cm
Row spacing:	16 mm
Speed:	10 – 15 km/h
Weights:	162 / 188 / 560 / 660 kg
Towing capacity:	9 kW/m working width
Warranty:	5 years no broken tines



Different sets of brushes
with hydraulic lifting and lowering for use on sports grounds, fairways and greens.



Highworking capacity
For a highworking capacity, the working width of the basic machine (188 cm) can be increased to 379 cm with the optional, articulated extensions.



For particularly finely cut turf surfaces
such as Golf Greens, the white brush is ideal.



Turf-friendly sand distribution
with three rows of brushes with offset alignment.

Multifunctional brush for Golf Greens, Tees, Fairways, lawns and artificial turf surfaces.

The TERRA BRUSH is suitable for brushing in sand and other top-quality dress materials. It levels and crushes cores, removes dew, and improves ball-rolling qualities. It consists of four special rows of brushes, with two rows working transversely to the direction of travel and two rows mounted in a zigzag arrangement, thus achieving an even longitudinal and lateral distribution.

Optional equipment: special brushes, medium and hard (black and yellow), side booms, attachment for tractor rear 3-point hitch or for carriage and drawbar, hydraulic or electric lifting, anti-scalp castors.

Technical data	
Working width:	188 / 380 cm
Weights:	126 / 252 kg
Brush hardness:	Medium hard (black) and hard (yellow)
Attachment variants:	3-point linkage CAT.I or trailed

Multifunctional brush TERRA GROOM

The TERRA GROOM reliably brushes sand and other materials and levels off the surface. By crushing any existing cores, it ensures even turf surfaces. It consists of three special rows of brushes, with one row working transversely to the direction of travel and one row mounted in a zigzag arrangement, thus achieving an even longitudinal and lateral distribution.

Optional equipment: special brushes soft and medium (black and white), attachment for tractor 3-point hitch or for carriage and drawbar, ball head attachment.

Technical data	
Working width:	188
Weights:	78 / 104 kg
Brush hardness:	Soft (white) and medium-hard (black)
Attachment variants:	3-point linkage Cat.I and trailed



Ideal adjustment to ground conditions

with the floating head, also on undulating terrain.



Infinitely variable high dump

at any height up to 210 cm.



Infinitely variable high dump

at any height up to 210 cm.



optimum working position

of the tools is ensured by a parallelogram guidance.



Comfortable operation

of the unit from the cabin thanks to the control panel.



Optimum working position

of the tools is ensured by a parallelogram guidance.



Maximum stability

and low ground pressure ensure the large quadruple tyres.



Maximum stability

and low ground pressure ensure the large quadruple tyres.



ideal adjustment to ground conditions

with the floating head, also on undulating terrain.

Universal turf maintenance machine.

The SUPER 600 is compact, robust, and a true multi-talent for intensive use from spring to autumn. It is reliable for all maintenance work such as turf sweeping, flail mowing, and raking as well as grass and leaf pick-up. Due to the parallelogram guidance of the take-up unit, the tools are always located in an optimal work position.

Optional equipment: Lateral anti-scalp rolls, Golf Course Kit, Super Contour Kit, Core Crusher Kit.

Technical data

Working width:	160 cm
Container capacity:	4,5 m³
Unloaded weight:	1410 kg
Permissible total weight:	2400 kg
Required driving power:	35 kW
Tipping height:	200 cm
Application:	Scarifying and mowing

Universal turf maintenance machine.

Turf sweeping, flail mowing, raking or grass and leaf pick-up: the SUPER 500 is suited for almost every field of application. The float-mounted cleaning head adapts excellently to ground unevenness. With tool-free change of the wing, cleaning, sledge and scarifying knives.

Two different basic models are available for selection:

1. Machine equipped with sweeper head for gentle take-up of foliage, grass clippings and scarified material.
2. Machine equipped with maintenance head for scarification, flail-type moving or foliage take-up fitted with crushing function.

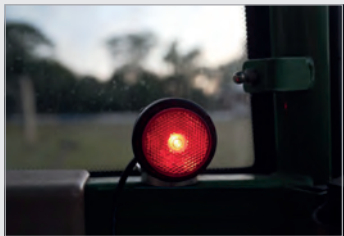
Optional equipment: Electromagnetic remote control, pendulum chassis, lighting, lateral anti-scalp rolls, Golf Course Kit, Super Contour Kit, Core Crusher Kit.

Technical data

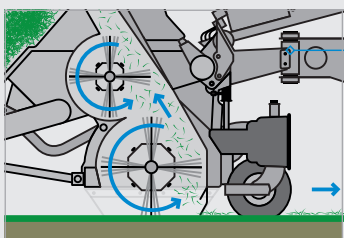
Working width:	160 cm
Container capacity:	2,5 m³
Unloaded weight:	950 – 1080 kg
Permissible total weight:	1400 kg
Required driving power:	20 kW / 30 kW
Tipping height:	200 cm
Application:	Sweeping / scarifying and mowing



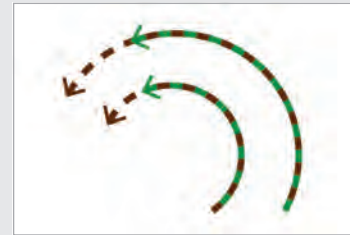
Hydraulic high dumping
for easy dumping up to 170 cm.



Level indicator
works on the light-barrier principle and indicates when the container is approximately 90% full.



Double sweeping roller system
for complete container filling.



Tracking accuracy
for driving close to the edge of obstacles.



Multifunctional brush.

The SUPER 1300 S is the ideal solution for efficient collection of cuttings, leaves and other debris on sport fields, ornamental grounds, and utility turf surfaces. It is equipped with a double sweeping roller system, and the individual sweeping rollers each have 4 sweeping bars. This achieves perfect suction performance that guarantees residue-free cleaning of the turf and continuous and complete filling of the collection container.

Two different basic models are available for selection:

1. Machine equipped with sweeper head for gentle take-up of foliage, grass clippings and scarified material.
2. Machine equipped with maintenance head for scarification, flail-type moving or foliage take-up fitted with crushing function.

Equipment options: rear collision guard with integrated lighting, fill level indicator.

Technical data	
Working width:	130 cm
Container capacity:	1,6 m³
Unloaded weight:	650 kg
Permissible total weight:	1050 kg
Required driving power:	15 kW
Tipping height:	170 cm
Application:	Sweeping





LAWN MOWERS



Minimum vibration, smooth running
and maximum operational reliability with the four pneumatic running wheels, optionally available with foam filling.

Sickle mower with side ejection.

The SUPER PRO TXL-S is a robust professional mower with excellent cutting results at low noise emission. The rounded, integrated mowing deck edges ensure fluid and obstruction-free grass flow. The wedge-shaped ejection channel guarantees reliable ejection of the cuttings – especially also for wet and dense grass.



Long knife service life
with the DuraBlade quality blades and their special coating.



The turf is also protected
on uneven terrain with the standard anti-scalp rolls.

Technical data		
Cutting width in cm:	150 cm	180 cm
Drive:	PTO shaft 1000/2000 rpm	PTO shaft 540/1000/2000 rpm or hydraulic
Weight approx.:	210 kg	235 kg
Gauge wheels:	11 x 4.00 – 5	11 x 4.00 – 5
Cutting height approx.:	2,5 – 11 cm	2,5 – 11 cm
Attachment:	Coupling triangle	Coupling triangle and standard 3-point linkage



Long knife service life

with the DuraBlade quality blades and their special coating.



Minimum vibration, smooth running

and maximum operational reliability with the four pneumatic running wheels, optionally available with foam filling.



Excellent cutting results

due to the vane-like design of the knives that lift the grass before cutting, and as a result tracks are no longer visible.



Quick and versatile



A regular grass cut

is achieved with the grass guide ring around the knife mount.



The turf is also protected

on uneven terrain with the standard anti-scalp rolls.



Foam-filled tires

Foam-filled tires as standard.



Maintenance-free deck drive

unit with self-tensioning V-belt.

Sickle mower with rear ejection.

The SUPER PRO TXL-H stands out with high performance and low noise emission. Also for cornering, the innovative mowing deck geometry results in an especially clean grass cut and a uniform transverse distribution of the cuttings. The grass flow is fluid and obstruction-free.

Attachment Coupling triangle and standard 3-point linkage

Optional equipment: Mulch Star for use as recycling mower.

Technical data	
Cutting width:	130 / 150 / 180 cm
Drive:	PTO shaft 1000/2000 rpm or hydraulic
Attachment:	Coupling triangle and standard 3-point linkage
Weight approx.:	215 / 245 / 270 kg
Gauge wheels:	Pneumatic tires 11 x 4.00-5
Cutting height approx.:	2,5 – 11 cm

Rear ejection/recycling mower for large surfaces.

Thanks to the FLEX CUT® you can now mow large surfaces such as sports fields, park grounds or roughs and semiroughs in the shortest time. Two movable decks, independent of each other, with two blades each make this mower extremely versatile, while ensuring ideal ground adaptation. The suspension apparatus attached in the middle reliably prevents a layered cut.

Optional equipment: Mulch Star for use as recycling mower.

Technical data	
Cutting width:	230 cm
Overall width:	235 cm
Length:	165 cm
Weight approx.:	460 kg
Attachment:	standard 3-point linkage Category I and II
Drive:	PTO shaft 540 rpm
Required driving power:	26 kW
Cutting height approx.:	2,5 – 11 cm

Drive

is via the rear PTO at 540 rpm to a transfer gearbox mounted in the subframe.

New

Long knife service life

with the DuraBlade quality blades and their special coating.

Regular grass cut

due to the high rotation speed and overlapping knives.

Minimum vibration, smooth running

and maximum operational reliability with the four pneumatic running wheels, optionally available with foam filling.

Large area mower for attachment to large compact tractors and agricultural tractors in a detached construction (front- and rear -mounting)

The combination of the RMR 230 H front mower (alternatively RMR 180 H) and the duplex mower at the rear, which consists of two RMR 180 H side mowers connected by a frame, gives the TRI CUT an incredible working width of 490 cm.

In the front, two independent, movable decks with two blades each ensure extreme versatility and ideal ground hugging. In addition, the front attachment provides the driver with optimal orientation and tracking accuracy.

The two rear mowers are equipped with three blades each, for a smooth, clog-free flow of grass. Drive is via the 540 rpm rear PTO to a transfer gearbox mounted in the connecting frame. From this, the side mowers are engaged and disengaged independently via a magnetic clutch, which can also be done under load. The lifting valve and magnetic coupling are switched via sensors and control electronics. In addition, there is a mechanical road safety device.

The TRI CUT's broken-down design makes it easy to manoeuvre through narrow spaces and is the best choice for all users who often need to transport the mower from A to B.

Technical data	
Cutting width:	490 cm
Drive:	PTO shaft 540 rpm
Weight approx.:	980 kg
Gauge wheels:	11 x 4.00-5
Cutting height approx.:	2,5 – 11 cm
Optional equipment:	Mulch Star mulching kit
transport width approx.:	240 cm
transport high approx.:	260 cm

Optional mulching system

for perfect distribution of cuttings.

floor adaptation thanks to flexibly mounted side panels flexible

even on uneven terrain.

The professional mower with particularly high area performance.

The RMR 240 W is a robust professional mower deck for the tough demands of daily in continuous daily use.

An innovative lightweight construction concept and a powerful cutting process lead to unique work results. For mowing in confined areas the side sections can be completely folded in, reducing the passage width to the passage width is reduced to 180 cm.

The variably folding side sections make it possible to transport the mower on trailers and driving through narrower areas is no problem.

An innovative belt drive concept enables a low-loss drive of the sickle drive of the sickle blades, with increased impact force at the same time. In conjunction with a new design concept, this results in increased stability with a lightweight construction mower.

Technical data	
Front mower attachment:	Lifting arms
Drive:	Front PTO shaft
Power requirement ca.:	25 kW (33PS)
Working width approx:	240 cm
Working width with side panels folded approx.:	150 cm
Swivelling radius of the side units in mower insert:	+/- 10°
Transport width in cm approx:	180
Complies with ISO 5395-1/3 safety standard for lawnmowers	



Excellent material flow
due to the asymmetric design.



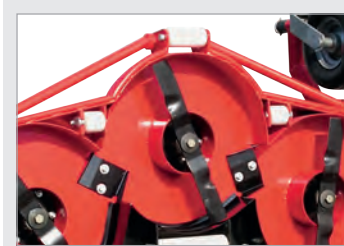
Protection against start-up damage

Protection against start-up damage

Sickle mower with side ejection.

The SUPER PRO FXL-S is a robust professional mower which delivers outstanding cutting results at low noise emission. The mowing deck is supported between two large contact wheels in the front and on the rear by the front wheels of your front mower. The smooth running of the mowing deck ensures a uniform cutting appearance of the turf.

Technical data	
Cutting width:	150 / 180 cm
Drive:	PTO shaft
Weight approx.:	185 / 220 / 245 kg
Gauge wheels:	Pneumatic tires 13 x 5.00-6
Cutting height approx.:	2,5 – 11 cm
Attachment:	for standard front mowers



Protected knives and bearings
due to large knife mount dimension.



Regular grass cut
due to the high rotation speed and overlapping knives.

Sickle mower with rear ejection.

The SUPER PRO FXL-H is a robust professional mower that delivers excellent cutting results with low noise emission. The mowing deck is carried between two large gauge wheels in the front and at the rear by the front wheels of your front mower. The resulting smooth running of the mowing deck ensures a uniform cut of the turf.

Optional equipment: Mulch Star for use as a recycling mower coupe Mulching.

Technical data	
Cutting width:	130 / 150 / 180 cm
Drive:	prise de force
Weight approx.:	185 / 230 / 255 kg
Gauge wheels:	11 x 4.00-5 / 13 x 5.00-6
Cutting height approx.:	2,5 – 11 cm
Optional equipment:	Mulch Star mulching kit



ARTIFICIAL TURF

Perfect use requires perfect care.

Modell	TERRA GROOM	TERRA BRUSH	TERRA RAKE	TERRA CLEAN 100	TERRA CLEAN 160	SNOW MASTER 3800	SNOW MASTER VARIO 3350
Brush	√	√					
Cleaning				√	√		
Intensive Maintenance					√		
Scarifying	(√) ¹	(√) ²	√				
Snow clearing						√ ³	√ ³

- √ possible without restrictions
- (√)¹ with Decompacting brush
- (√)² with spring tines in the front
- √³ Optional wheels required



TERRA RAKE

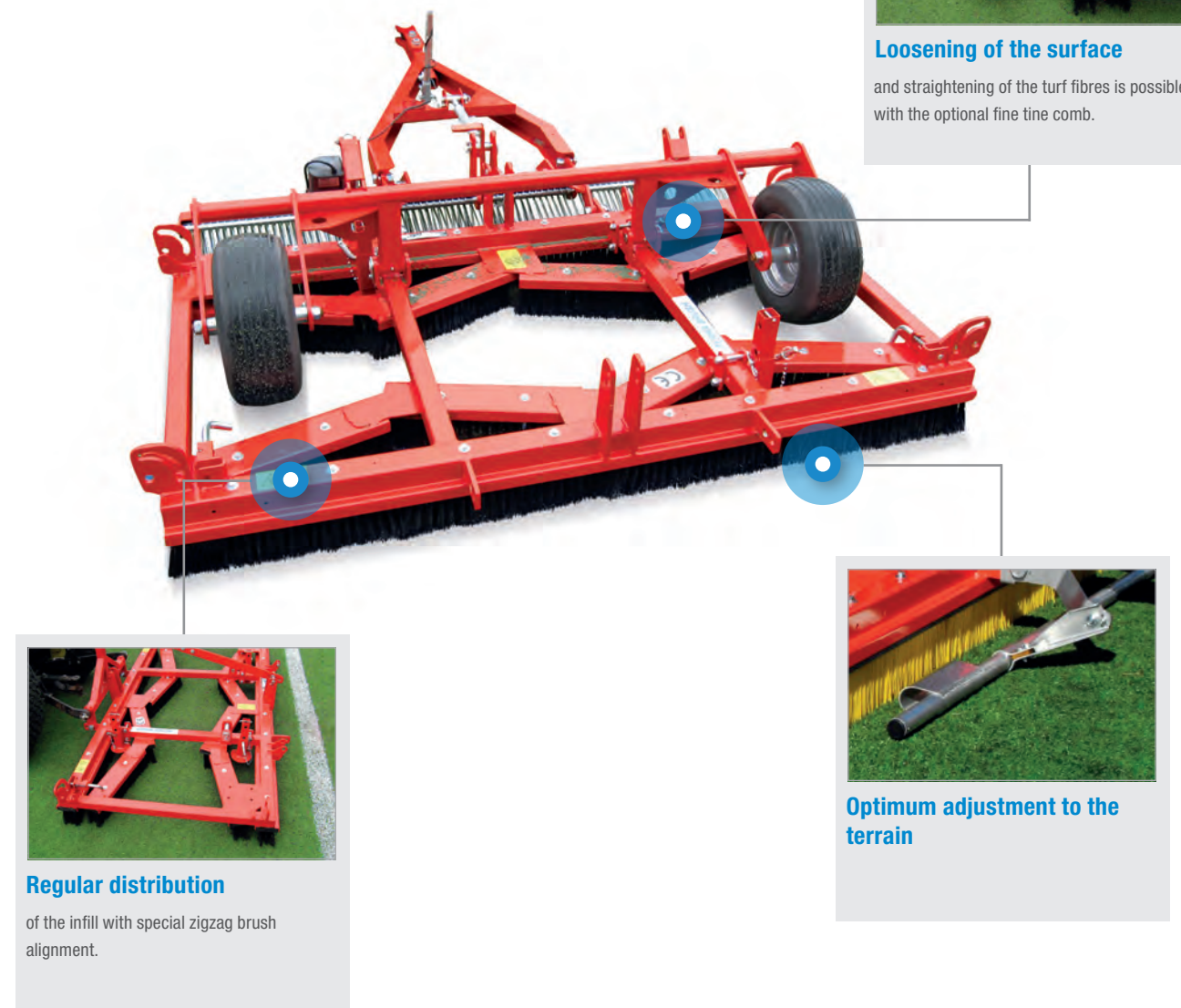


Extremely stable for hard, continuous use.

The TERRA RAKE is distinguished by its stable construction and long service life. The high driving speed puts the parallelogram-suspended loosening tines in strong vibration, which loosen the infill material. The special spring steel tines are arranged in four rows. Despite the fine row spacing of 16 mm, there is sufficient free space for obstruction-free work.

The spring relief of the tine rows with the Relief Kit allows sensitive, individual settings and reduces the tine depth of penetration.

Technical data	
Working width:	170 / 230 cm
Row spacing:	16 mm
Speed:	10 - 15 km/h
Weights:	165 / 190 kg
Towing capacity:	18 kW
Garantie:	5 Years warranty on tools



Multifunctional brush.

The TERRA BRUSH allows rapid brushing and uniform distribution of sand and rubber granulate. It can additionally be equipped with spring tines in order to loosen and level in one crossing.

Optional equipment: Spring tines, magnet strip, mounting for tractor rear 3-point or for carriage and drawbar, hydraulic or electrical lifting.

Technical data	
Working width:	187 cm
Weights:	max. 126 – 240 kg
Brush hardness:	Medium hard (black) and hard (yellow)
Attachments:	3-point linkage CAT.I or trailed



Multifunctional brush.

The TERRA GROOM brushes in granulate and uprights turf fibres. The device separates fibres with the infill material, improves the ball playing characteristics, absorbs the energy impact and reduces the risk of injury.

Optional equipment: Granulate-loosening brush set, magnet strip for collecting metal objects, ball hitch attachment, mounting for tractor rear 3-point or for carriage and drawbar.

Technical data	
Working width:	188 cm
Weights:	78 / 104 kg
Brush hardness:	Medium hard (black)
Attachments:	3-point linkage CAT.I or trailed

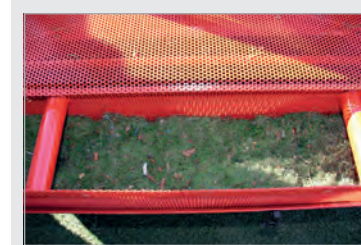
TERRA CLEAN 100



Vibrating screen and closed collection basket
for unfilled artificial turf pitches.



Driven independently from the traction vehicle
with the ground-powered design.



Effective separation
of granulate and coarse debris by means of the integrated machine sieve.



Low-load debris collection
enable the eight soft sweeping rails.



Efficient power transfer
of the wheels due to the large tyre dimensions.



For surface cleaning of coarse dirt in infilled artificial turf surfaces.

The TERRA CLEAN 100 takes up dirt by means of a cylindrical cleaning brush made of four brush rails. These transport the dirt and in part the surface infill material onto the riddle screen. The dirt from the reusable infill material is separated and collected with the sieving procedure. The infill material is once again directly supplied to the artificial turf pile after the sieving procedure.

The two-sided wheel drives work independent of each other to ensure uniform, intensive cleaning and sieving performance, also in the corners. The cleaning machine also has a central working height adjustment including transport position, where the sieve can be automatically switched off and the cylindrical cleaning brush drive activated.

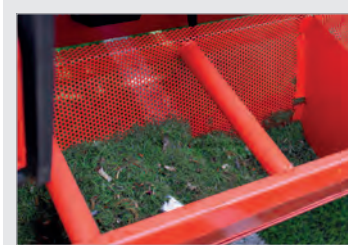
Optional equipment: front rake, trailing brush,various sieves.

Technical data	
Working width	120 cm
Drive	Ground drive
Required driving power	12 kW
Container capacity	50 Litre
Options:	Leading rake, following brush

TERRA CLEAN 160



Trailed version
for carrier vehicles without rear linkage.



Effective separation
of granulate and coarse debris by means of the integrated machine sieve.



Three-stage cleaning
with a coarse riddle screen, fine riddle screen and suction blower.

For intensive cleaning of filled artificial turf surfaces.

The TERRA CLEAN 160 is a completely new maintenance machine for the intensive cleaning of filled artificial turf surfaces to a working depth of 1.5 cm. In addition to the reliable brush collecting, an extremely quiet roller fan generates negative pressure in order to suck off existing dust. Three integrated cyclone filter units then clean the process air of fine dust particles up to a particle size of 10 µm. Cyclone filters have the advantage over paper or textile filters in that they do not clog. The cleaning performance thus remains constant.

Optional equipment: optionally with rear 3-point hitch and PTO shaft drive for attachment to tractor vehicles Cat. I / II or trailed with hydraulic lift and PTO or internal combustion engine (TERRA CLEAN 160 M or trailed) with electric lift.

Technical data	
Working width:	160 cm
Poids total env. en kg:	600 kg
Attachment:	Standard 3-point hitch Cat.I /II or trailed
Dimension L / W / H approx.:	180 / 185 / 105 cm
Container capacity:	2 x 45 l
Front wheel dimensions:	11 x 4-5
Rear wheel dimensions:	16 x 6.5-8
PTO drive:	540 rpm or auxiliary motor
Options:	main harrow, 5 mm and 6 mm



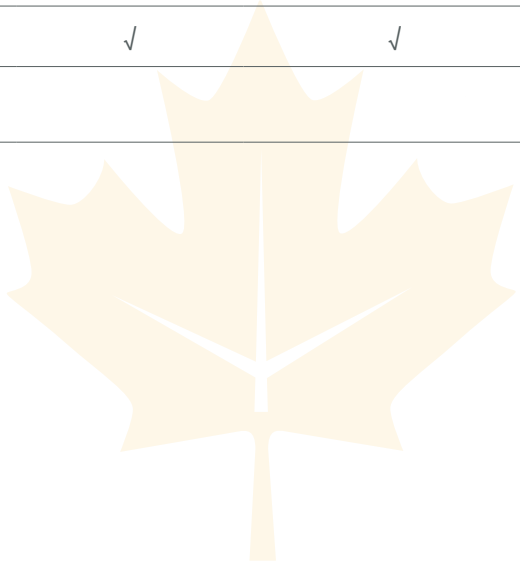


REMOVAL OF GRASS AND LEAVES

New standards in performance, economy and noise reduction.

Modell	WHISPER TWISTER	MEGA TWISTER	RK 120 Z	FAVORIT 650	FAVORIT XP
Leaf blowing	√	√			
Collection			√		
Suction				√	√
For use on turf	√	√	√	√	√
For use on paved surfaces	√	√	(√)		

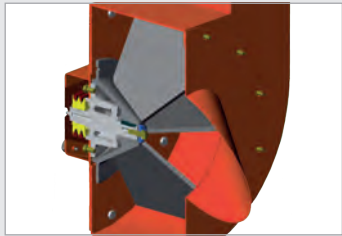
- √ possible without restrictions
- (√) Limited on dry foliage and gravel paths



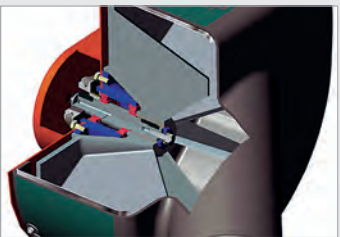
FAVORIT 650



Hydraulic high dump
up to 180 cm including safety flap and locking feature.



Excellent grass flow
with a conical turbine bearing housing.



Large quantities of grass
can be transported because of the high torque of inertia of the turbine.



Longer v-belt service life
due to double belt drive without tension roller.



Grass and leaf collector with whisper turbine and high payload.

The FAVORIT 650 is ideally suited for vacuuming up great amounts grass – and thanks to the whisper turbine, also in noise-sensitive surroundings. The low-noise, high-vacuum, 6-winged high-performance turbine is positioned laterally and allows the favourable air flow course of the inlet hose. The grass flow within the turbine is optimised by the conical construction of the turbine housing. The massive, high-strength wing blades provide high wear resistance. The downwards drawn air-conducting channel, favourable to air flow, is furnished with a large air discharge grille. The dust contained in the exhaust air as well as the escaping noise are directly dissipated into the sod, thus considerably reducing the noise level.

Optional equipment: Manual suction removal, lighting, filling level indicator.

Technical data	
Container capacity:	0,6 / 0,8 m³
Dumping height:	ground-level dumping or max. 186 cm
PTO drive:	540 rpm
Min. power requirement:	15 kW
Latch lock:	mechanical
Carriage:	optional



Hydraulic high dump

up to 203 cm including safety flap and locking feature.



Dust reduction

due to the optimised exhaust air duct.



Whisper Turbine



Excellent grass flow

with a conical turbine bearing housing.



Lightweight carrier vehicles

due to the large dimensions of the carriage on the grass collector.

Professional grass and leaf collector for maximum performance.

With its noise-reduced suction turbine, the FAVORIT XP stands out with typical Wiedenmann high suction power. Large amounts of grass – also in noise sensitive surroundings such as schools, hospitals, senior citizen facilities or residential areas – are no problem. The high moment of inertia of the turbine is favourable for delivering great amounts of grass. Load peaks are compensated. The massive, high-strength wing blades provide high wear resistance. The suction unit has a protection device to prevent injuries. It is additionally equipped with a safety flap.

Optional equipment: Manual suction removal, lighting, filling level indicator.

Technical data	
Container capacity	1,2 / 1,5 m ³
Dumping height	max. 203 cm
PTO drive:	540 rpm
Min. power requirement	15 kW
Carriage:	standard



Independent discharge

of the funnel-shaped container with a lever gear.



Simple working depth adjustment

Height adjustment with adjusting rings.



Precise ground adjustment

with the aid of the four brush rails, also on undulating terrain.

Universal sweeping machine for turf maintenance and leaf removal.

The **RK 120 Z** thoroughly sweeps mowed material together and simultaneously gently disentangles the turf. It removes everything which could impair or damage the turf. The cylindrical cleaning brush is equipped with four brush rails and is exactly adjustable to the ground. The bristle abrasion is compensated by resetting the side bearing to the baffle plate.

The **RK 120 Z** produces a strong air stream which ensures the reliable transport of the swept materials into the collector tank. This also permits the cylindrical cleaning brush driven by the power take-off shaft and special drawbar construction to sweep in a full turn.

The **RK 120 Z** can be easily emptied with lever rods. The rear half is tilted up and the funnel-shaped container empties by itself.

Technical data	
Working width	120 cm
Container volume	1,6 m ³
Unloaded weight:	270 kg
Permissible total weight	500 kg
Required driving power	9 kW
Tipping height	Ground-level dumping
Application	Sweeping

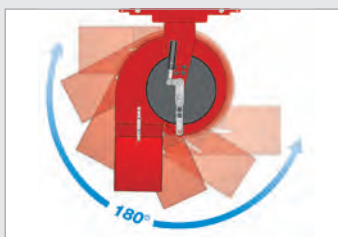
WHISPER TWISTER



Individual air flow adjustment
Mechanical adjustment of the outlet duct, hydraulic option available.



Ideal for residential areas
Powerful whisper turbine for front mowers and tractors from 22 kW (30 HP).



180° swivel mechanism
permits operation in the required direction when travelling forwards.



Reverse nozzle



Stability
on uneven terrain ensured with the large support wheel.

Leaf blower for golf courses and sports fields as well as municipal surfaces.

Thanks to the whisper turbine, the WHISPER TWISTER is ideally suited as a leaf blower for public places. Because of the unique, patented continuously variable 180° swivel mechanism, the leaf blower can be swivelled with only one hydraulic cylinder or electric spindle. This continuously blows the leaves and other materials in the same direction without driving backwards. Efficient all-around work from left to right is also possible without turning manoeuvres. The air nozzle is vertically adjustable so that the air stream can be appropriately adapted to the requirements. The large support wheel always ensures effective ground adaptation, also on uneven terrains.

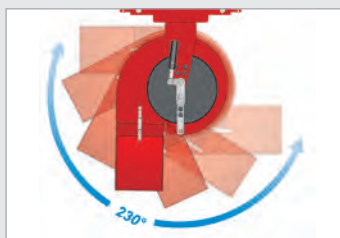
Optional equipment: Straight or ground-based outlet nozzle, hydraulic or electrical adjustment of the outlet nozzle.

Technical data	
Attachment:	coupling triangle or standard 3-point Cat. I
PTO drive:	540, 1000, 2000 rpm or hydraulic
Air volume:	200 m³/min
Exhaust velocity:	50 m/s
Swivel angle:	180°
Power requirement:	22 kW

MEGA TWISTER



Individual air flow adjustment
Mechanical adjustment of the outlet duct, hydraulic option available.



Higher efficiency
due to the 230° swivel mechanism.



Ideal for residential areas
Powerful whisper turbine for front and rear mounting on tractors with a PTO output of 30 kW (40 HP).



Work is fast and effective
with the support wheels or support roller.

Leaf blower for the efficient removal of leaves.

Despite its high blowing performance of about 390 m³ per minute, the noise emission of the MEGA

TWISTER is at a welcome low level. Also in noise-sensitive surroundings such as golf links, hospitals or senior citizen facilities, the device can be used without any problem. With the patented swivel mechanism, the leaf blower can be continuously swung through 230°. This allows efficient all-around work from left to the right without turning manoeuvres. The air nozzle is manually adjustable in a vertical direction, so that the air stream can adapt to the respective conditions. The MEGA TWISTER can alternatively be furnished with a support roller or with a pneumatic chassis.

Optional equipment: Straight or ground-based outlet nozzle, hydraulic or electrical adjustment of the outlet nozzle.

Technical data	
Attachment:	standard 3-point Cat. I / II
PTO drive:	540, 1000 rpm
Air volume:	390 m³/min
Exhaust velocity:	50 m/s
Swivel angle:	230°
Power requirement:	30 kW



DIRT CLEARANCE

We simply tidy up.

Modell	COMBI CLEAN 2350	COMBI CLEAN 2600
Removal	✓	✓
Dirt sweeping	✓	✓
Dirt removal	✓	✓
Snow sweeping	✓	✓

Not just swept under the carpet

COMBI CLEAN 2350



Regular sweeping results

with the hydraulic central rotation around the central axis.



Suitable for leaf and snow removal



Brushing near the edges

with the central drive



Simple brush replacement

without complex dismantling work.

Combination sweeping machine

The pendulous sweeping machine COMBI CLEAN 2350 is ideally suitable for sweeping snow and dirt.

Fast exchange of cylinder broom without demounting drive unit parts as well as a narrow sweeping at house walls or curbstones are the unbeatable benefits of the center drive unit.

For a simultaneous collection of dirt the sweeping machine COMBI CLEAN 2350 can be equipped with an optional dirt container. There is a comprehensive accessories program for equipping the sweeping machine according to your specific requirements.

Optional equipment: Dirt container, lateral positioning, side brooms propulsion is hydraulic, splash protection, special cylindrical cleaning brush.

COMBI CLEAN 2350	2352	2353	2354
Machine widths approx.:	110 cm	130 cm	150 cm
Working widths approx.:	110 cm	130 cm	150 cm
Working widths (with lateral broom) approx.:	130 cm	150 cm	170 cm
Weights* approx.:	124 kg	131 kg	136 kg
Dirt container (option) approx.:	110 l	130 l	150 l

*incl. universal cylinder broom, swivelling cylinder

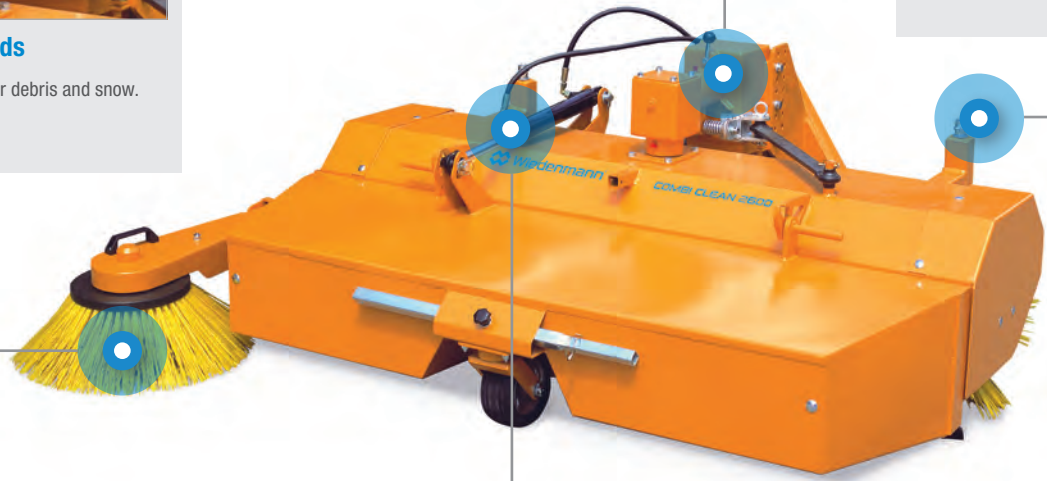
COMBI CLEAN 2600



Two brush speeds
that can be adjusted for debris and snow.



Simple brush replacement
without complex dismantling work.



Brushing near the edges
with the central drive.



Regular sweeping results
with the hydraulic central rotation around the central axis.

Combi-sweeper

The stable, pendulous sweeping machine COMBI CLEAN 2600 is ideally suitable for sweeping snow and dirt. The two-piece plastic cylinder broom with a spiral yoke of $\varnothing$ 50 cm is driven through the standard center drive unit. Fast exchange of cylinder broom without demounting drive unit parts as well as a narrow sweeping at house walls or curbstones are the unbeatable benefits of the center drive unit.

The propulsion of the two-part plastic cylindrical cleaning brush is carried out with the power take-off shaft and 2-gear transmission or hydraulically.

Optional equipment: Dirt container, lateral positioning, side brushes (propulsion is hydraulic), splash protection.

COMBI CLEAN 2600	2602	2603	2604
Machine widths approx.:	135 cm	155 cm	175 cm
Working widths approx.:	115 cm	135 cm	155 cm
Working widths (with lateral broom) approx.:	170 cm	190 cm	210 cm
Weights* approx.:	190 kg	195 kg	210 kg
Dirt container (option) approx.:	130 l	150 l	170 l

*incl. universal cylinder broom, swivelling cylinder



WINTER MAINTENANCE

Get through the winter without snow and ice.

Modell	ICE MASTER DUO 200	ICE MASTER DUO 250	COMBI CLEAN 2350	COMBI CLEAN 2600	SNOW MASTER 3400	SNOW MASTER 3800	SNOW MASTER 3350	SNOW MASTER 3370
Spreading	✓	✓						
Snow sweeping			✓	✓				
Snow clearing Hinged rake blades					✓			
Snow clearing Spring leaf clearing blades						✓		
Snow clearing Combination spring leaf rake blades							✓	
Snow clearing Combination spring leaf rake blades								✓

Caught out
by the cold?
Not
with us.

ICE MASTER DUO 200



Facilitates safe working
by safety grid, spray guard and lighting.



Boosted productivity
with the combined distribution side that permits switchover from the circular to box spreader method.



Two options in one
combined box and circular gritter.

Combination box and circular gritter.

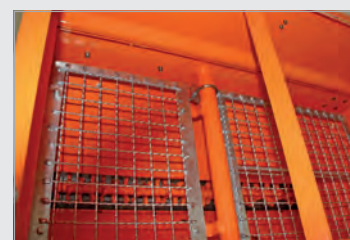
The **ICE MASTER DUO 200** is a symbiotic combination of box and circular gritter. It can scatter all free-flowing materials such as sand, gravel, salt, granulate etc. without a problem. Built on the modular construction principle, the innovative gritting equipment can act as a box spreader up to a high-grade all-rounder. In the road grit container, a dosing shaft ensures uniform flow. The standard equipment includes a stopping system, filling safety sieve, and lighting. The box spreader can be optionally equipped with a stainless steel scattering disc. This way one can switch from scattering by box spreader (e.g. for pavements) to the circular gritter (e.g. for parking lots) while working.

Optional equipment: Stainless steel scattering disc with hydraulic propulsion, scattering disc hinged mechanically or hydraulically for asymmetrical scattering, container attachment and container cover, distance holder with steering rollers, electrical dosing unit with remote indication ICE CONTROL, attachment cupola triangle with height-adjustable recess rack.

*ICE-Control

Technical data	
Attachment:	Various mounting options
Drive of the box gritter:	Hydraulically with min. 25 l/min at 150 bar
Drive of the optional gritting plate made of special steel (option):	Hydraulically with approx. 10 l/min at 150 bar
Container contents approx.:	200 l
With container hopper approx.:	320 l
Dimensions L/W/H approx.:	59 / 132 / 96 cm
Gritting widths without plate approx.:	120 cm
Gritting widths with plate approx.:	100 - 600 cm
Weights basic unit approx.:	178 kg

ICE MASTER DUO 250



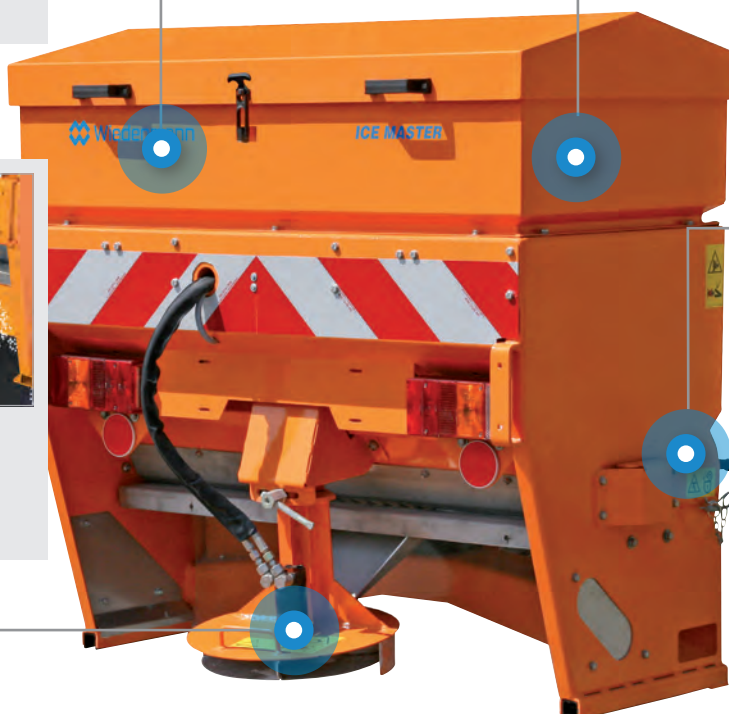
Facilitates safe working

by safety grid, spray guard and lighting.



Two options in one

combined box and circular gritter.



GPS-controlled Start/stop function



Precise metering of the grit

is guaranteed by the electric distribution device with remote display.



Boosted productivity

with the combined distribution side that permits switchover from the circular to box spreader method.

Combination of box and circular gritter: 1 gritter – 2 gritting methods.

The **ICE MASTER DUO 250** is a symbiotic combination of box and circular gritter. It can scatter all free-flowing materials such as sand, gravel, salt, granulate etc. without a problem.

Inside the container a dosing shaft ensures an even flow of the gritting material.

Parking device, filler safety screen and lights round off the standard scope of supply. If required, the box spreader can also be equipped with a gritting plate made of special steel. So while gritting you can switch from the box spreader method (e. g. for gritting pavements) to the circular gritter method (e. g. for gritting car parks).

Optional equipment: Stainless steel scattering disc with hydraulic propulsion, scattering disc hinged mechanically or hydraulically for asymmetrical scattering, container attachment and container cover, distance holder with steering rollers, electrical dosing unit with remote indication **ICE CONTROL**, attachment cupola triangle with height-adjustable recess rack.

Technical data

Attachment:	Rear 3-point CAT. I / II
Drive of the box gritter:	via p.t.o. shaft 540 rpm or hydraulically with min. 25 l/min at 150 bar
Drive of the optional gritting plate made of special steel (option):	Hydraulically with approx. 10 l/min at 150 bar
Container contents approx.:	250 l
With container hopper approx.:	450 l
Dimensions L/W/H approx.:	75 / 137 / 75 cm
Gritting widths without plate approx.:	120 cm
Gritting widths with plate approx.:	100 - 600 cm
Weights basic unit approx.:	254 kg

SNOW MASTER 3400



Optimum adjustment to the terrain

for outstanding clearing results with the integrated pendulum suspension.



Simple depth adjustment

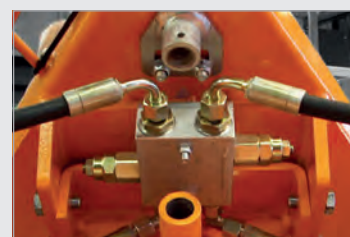
with vertically adjustable sliding block kit.

Hinged rake blades.

The shuttle attachment in the **SNOW MASTER 3400** equalizes driving unevenness. The hydraulic lateral adjustment allows you to clear off the snow to the left, to the right, or straight ahead without any difficulty. If you hit an obstacle, the rake blades automatically flip over and then return into working position by spring-loading.

Optional equipment: Plastic or steel scraping rib, warning flags, delimitation lamp assembly.

SNOW MASTER 3400	3402	3403	3406	3408
Blade width approx.:	125 cm	140 cm	160 cm	180 cm
Clearing width approx.:	108 cm	121 cm	139 cm	160 cm
Blade height approx.:	50 cm	50 cm	50 cm	50 cm
Max. Weight plus attachment part approx.:	110 kg	114 kg	120 kg	126 kg



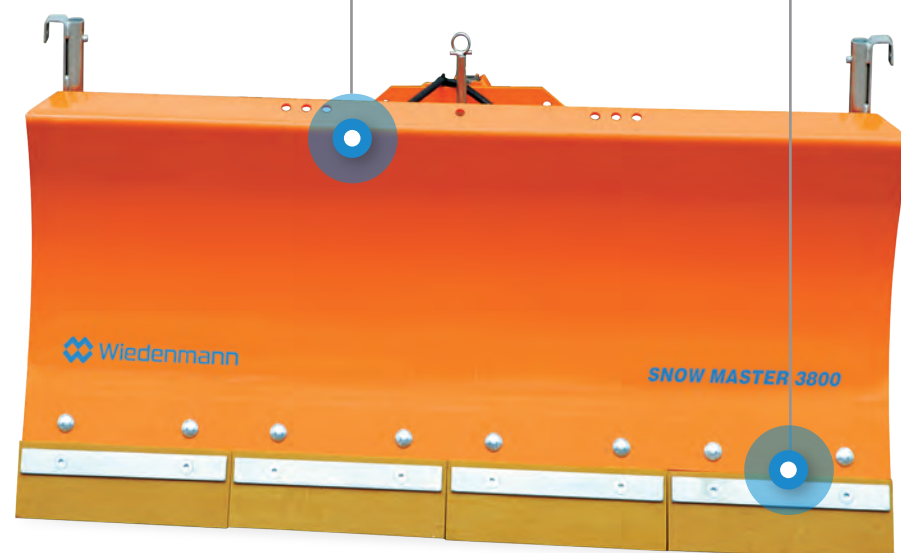
Overload protection for the blade

and carrier vehicle with the hydraulic start-up safeguard.



Carrier vehicle protected

by individually folding scraping rib segments.



Spring leaf clearing blades

SNOW MASTER 3800 – All functions turn on one central pivoting point with this professional rake blade: continuously-variable hydraulic lateral adjustment, level compensation, and mechanical angle of inclination adjustment of the pitch angle.

A significant advantage: when the spring flap-rake blade strikes against an obstacle while driving, the spring flaps individually flip up. They then automatically return to their original working position by spring tension.

Optional equipment: Plastic or steel scraping rib, height-adjustable glide shoe or support wheel assembly, warning flags, hydraulic start-up safeguard with overpressure valve, delimitation lamp assembly.

SNOW MASTER 3800	3803	3809	3804
Blade width approx.:	150 cm	160 cm	170 cm
Clearing width approx.:	133 cm	139 cm	150 cm
Blade height approx.:	65 cm	65 cm	65 cm
Max.Weight plus attachment part approx.:	176 kg	223 kg	188 kg



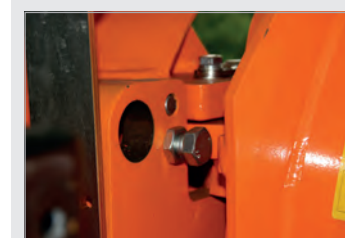
Clearing snow right up to the edges

due to the design of the contoured outer side of the rake blade.



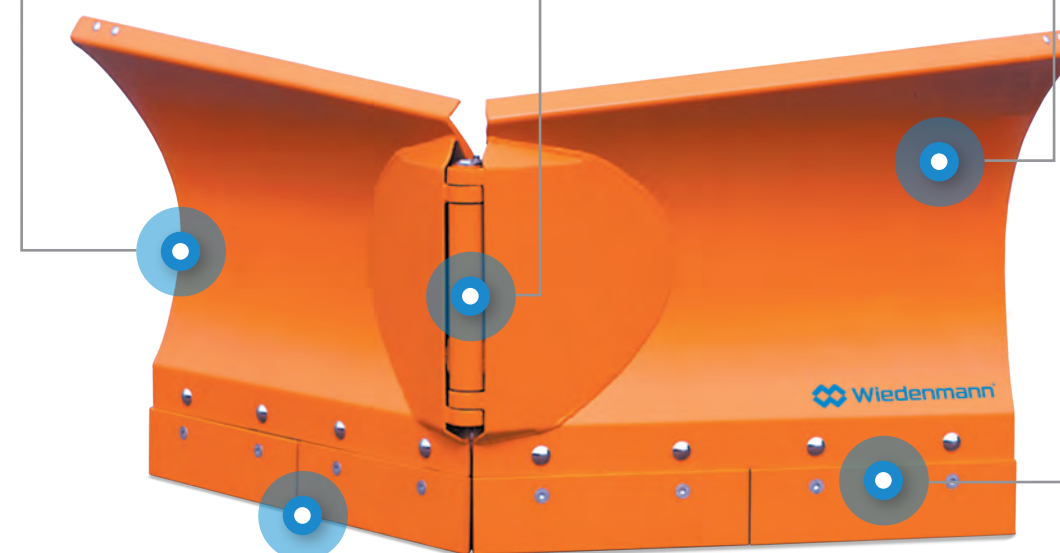
simple snow clearance

with the rake blade swivel range of up to 30° to the left and right.



load relief of the hydraulic cylinders

Adjustable limiters support both rake blade sections in the arrowhead position.



Combination spring leaf rake blades for professionals.

The rake blade Snow Master VARIO 3350 is characterized by stable construction, maintenance-free sliding bushings in the swivelling axis, and excellent functionality. It demonstrates its strengths especially under difficult and tight deployment conditions such as on pavements and in parking lots. The tilting position of the rake blade up to 30° permits the snow to be cleared to the left or right without any difficulty. Wedge or V-positions are also rapidly adjustable with the two supplied hydraulic cylinders. The tapered design allows unproblematic near-edge clearing. The Snow Master VARIO 3350 comes equipped with four spring leaf blades (six with blade width 200 cm).

Optional equipment: Plastic or steel scraping ribs, glide shoes, support wheels (not for blade width 111 cm and 138 cm), two-fold control block extension from 1x to 2x double-acting, delimitation lamps set, set of warning flags.



Compensation of uneven ground

due to suspended attachment.



Convenient control

based on four solenoid valves and one control switch in order to realise all 4 possible of the blade control.

SNOW MASTER VARIO 3350	3352	3359	3353	3354	3355
Blade width (straight position) approx.:	138 cm	151 cm	167 cm	186 cm	200 cm
Blade width approx.:					
Inclined position	121 cm	131 cm	146 cm	164 cm	175 cm
left/right	120 cm	133 cm	148 cm	168 cm	179 cm
V- or arrowhead position	126 cm	130 cm	145 cm	160 cm	172 cm
Blade height approx.:	61 cm	80 cm	80 cm	81 cm	81 cm
Weight approx.:	146 kg	255 kg	262 kg	275 kg	282 kg



Comfortable operation

of the unit from the cabin thanks to the control panel



Compensation of uneven ground

due to suspended attachment.



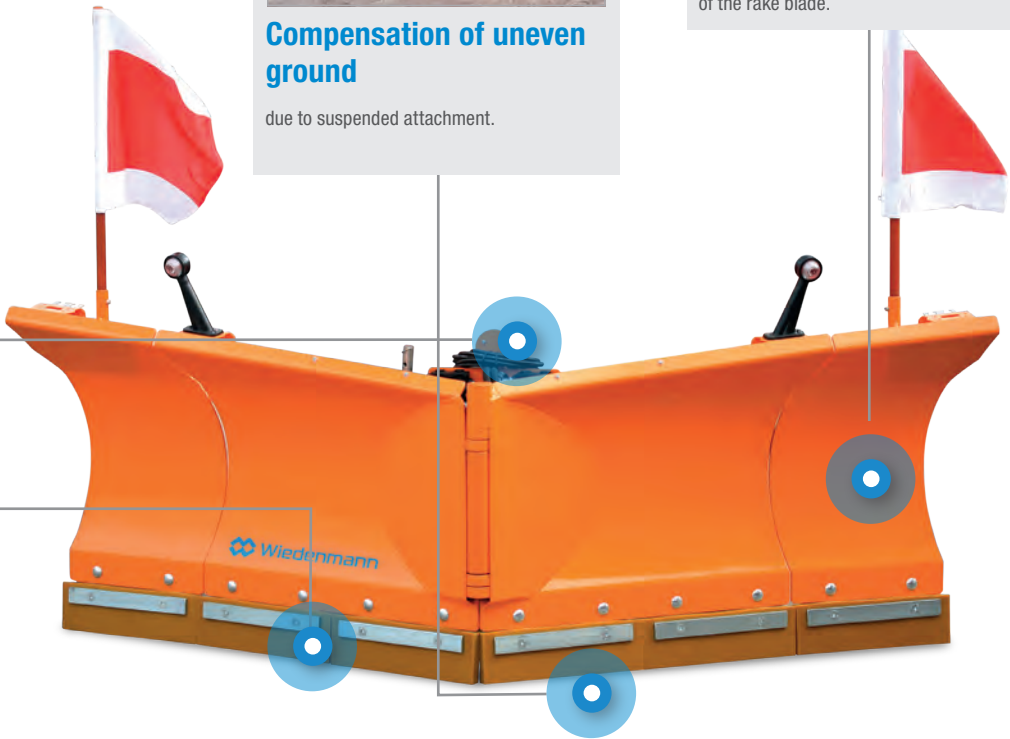
Clearing snow right up to the edges

due to the design of the contoured outer side of the rake blade.



Smooth running and high level of safety

with the six reinforced spring flaps.



Adjustable combined rake blade with spring flaps for professional users.

VARIO FLEX 3370 is characterized by its sturdy construction and maintenance points at the highly-stressed connecting parts. It demonstrates its excellent functionality especially under difficult and tight operating conditions, such as pavements and parking lots. The blade's specially curved shape allows for near-edge cleaning. 6 spring flaps ensure a safe and smooth operation. The blade includes fold-out side wings and is, therefore, suitable both for snow clearing on pavements and for efficient snow removal in open spaces. Operation and control by means of a control panel in the driver's cab. The side wings can be folded separately (in and out).

Optional equipment: scraper ribs for different requirements and tasks, sliding devices and warning flags.

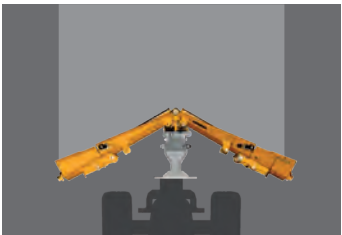
Technical data

Blade width (straight position) in cm approx.:	167 / 250 cm
Blade width ...	
... inclined position:	150 / 217 cm
... left / right:	154 / 227 cm
... V- or arrowhead position:	137 / 209 cm
Blade height in cm approx.:	80 cm
Weight approx.:	350 kg
Electrohydraulic control:	1 x double-acting hydraulics + low-pressure return flow necessary
Fully hydraulic control:	3 x double-acting hydraulics + low-pressure return flow necessary

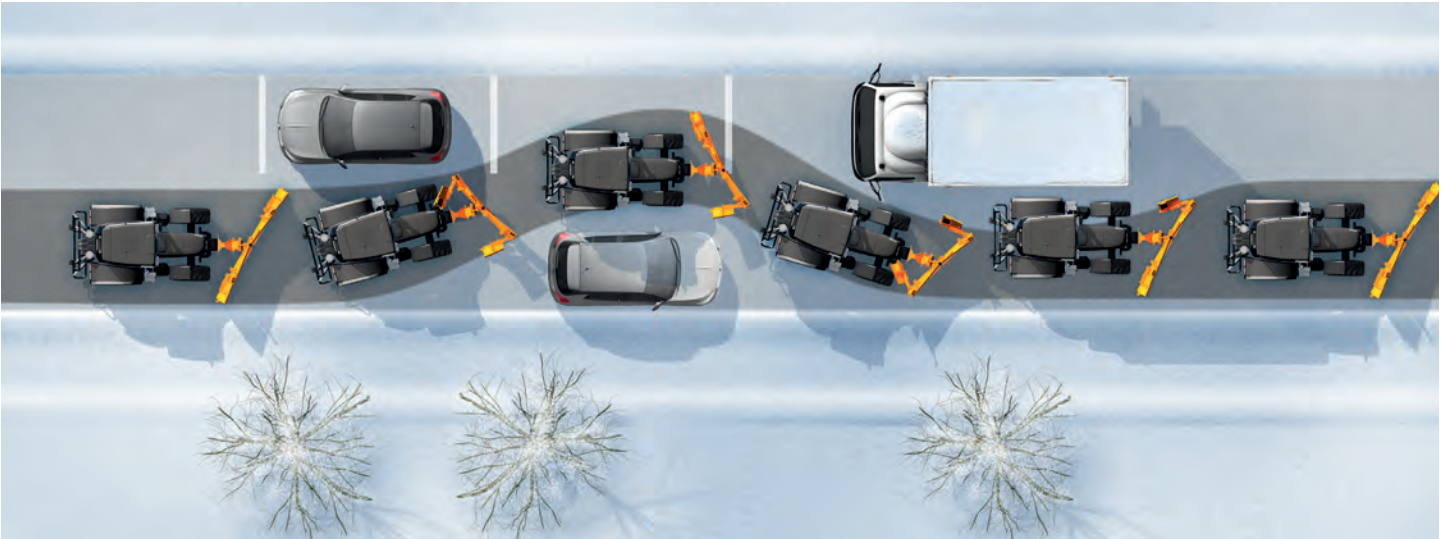
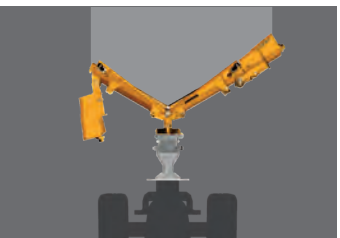
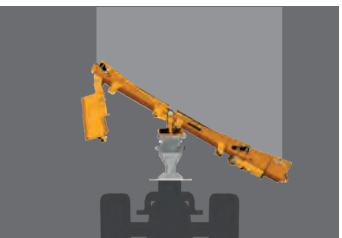
PAVEMENTS



LARGE AREAS



STREETS & PARKING LOTS





SERVICE AND WEARING PARTS

**Because
everything
has to fit.**

Always there for you. Fast and competent.

No matter where you are – with our pronounced customer orientation and first-class consulting competence we are there for you at all times. Our qualified service team advises you comprehensively and individually on all questions concerning our equipment programme, as well as on the topics of turf regeneration and maintenance, dirt removal, and winter service.

And if you need support for your Wiedemann machine, we will gladly either come to your personal assistance, or you can make use of the online documen-tation system on our website. Here you will find the parts lists and perspective drawings of all our machines. To access this information, just enter the type desi-gnation. You or your grounds man are then in the position to carry out practically all service and repair work on your own initiative, cost-effectively and without delay. But this will probably not occur all too frequently: our low rate of necessary warranty work confirms that the need for warranty service at Wiedemann is extremely rare.

- At a glance:**
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 - Direct contact with experienced specialists
 - Support by telephone or e-mail
 - Fast, competent help in the event of malfunctions
 - Online-service for repair work on your own initiative

SERVICE BY PROFESSIONALS. FOR PROFESSIONALS.



Why source original parts from Wiedemann?



The answer is quite simple: our original parts and our machines are a **perfect match!** Machines and parts were **developed together** and are also constantly **being enhanced and developed even further.**

Only by using our original spare and wear parts

- can you be assured of getting the highest **quality, durability** and **reliability**, absolute **fitting precision**
- allows you to achieve **optimal working results** such as the best hole arrangement when carrying out deep aeration using our original tines or creating the perfect cutting pattern when mowing the lawn with our original blades.
- can you be absolutely certain!



Original parts from Wiedemann - guaranteed satisfaction!



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