



Machines for Natural Turf



WELCOME

Redexim develops and manufactures machines for the maintenance of the turf on golfcourses, sportsfields, public areas and horse race tracks. It started for the company in 1978 with the invention of the Verti-Drain deep tine aeration machine, which was revolutionary at that time. Over time Redexim developed into a company manufacturing a wide range of specialized machines for the maintenance of

the turf, such as overseeders, topdressers, sweepers, scarifiers, brushes and of course aerators. More recently, Redexim has been producing machines for sports fields made of artificial turf.

Redexim has a distribution network over more than 100 countries, and has its own offices in Australia, China, the UK and the USA, aside from its headquarters in the Netherlands.

**CONTACT
US FOR A
DEMONSTRATION**
**Our commitment is to fully satisfy the
needs of our customers. For immediate
assistance contact us at:
verti-drain@redexim.com**

The Verti-Drain in the early ninety-eighties





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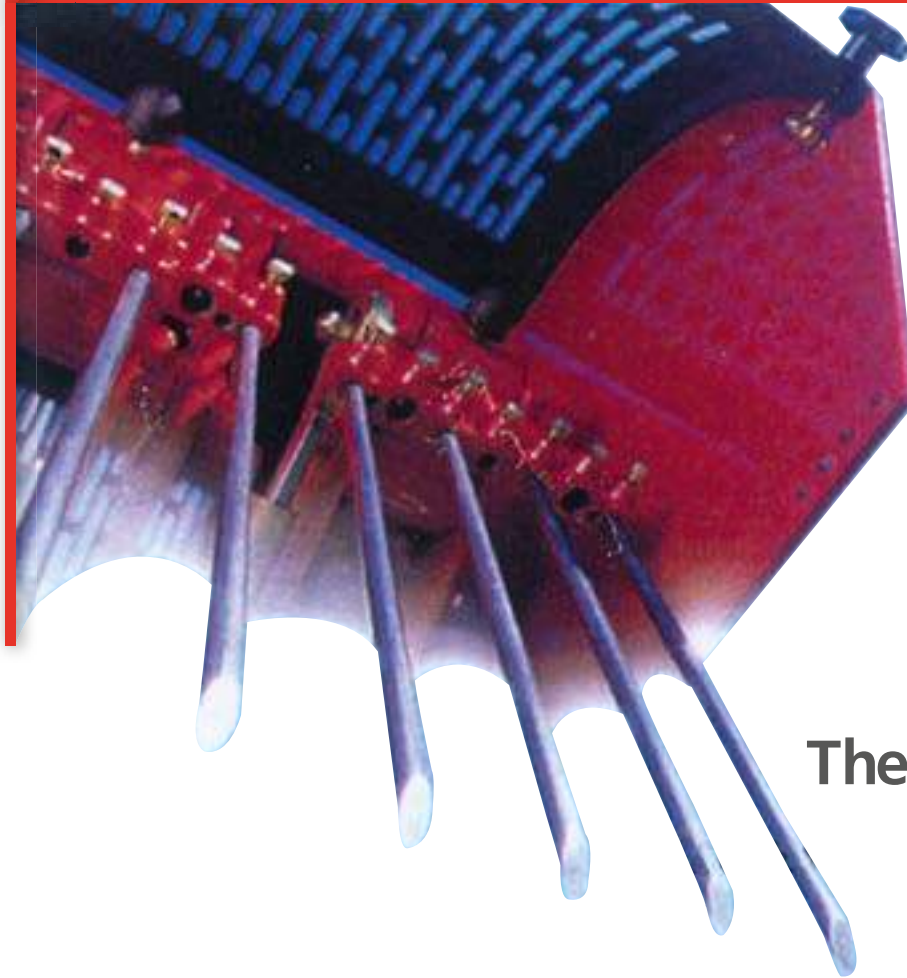
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Shatter Tining



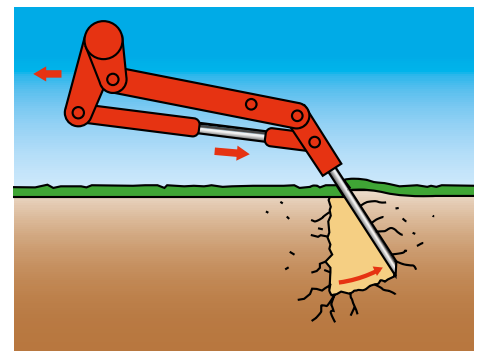
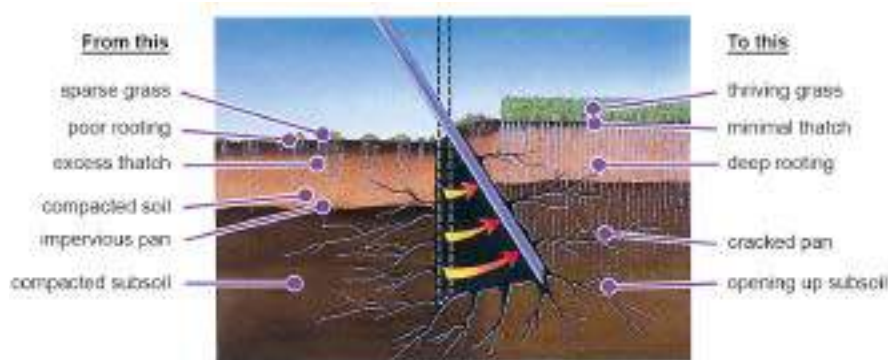
The use of the Verti-Drain as a cultivation method to aerate soils is also known as deep shatter tining. The Verti-Drain drives solid tines into the grass and through the ground up to 400mm (16") deep, piercing any pan which may exist. The tines then heave the soil, cracking up the compaction before they are withdrawn.

It breaks the side walls and adds pore space to the soil profile.

Compaction is relieved and the soil is opened, allowing water to drain and air to move freely, creating gas exchange.

This heaving action lifts the soil in a uniform manner. This lift represents the amount of air that has been incorporated into the ground.

The Art of the Verti-Drain®



Needle Tines



Ø8mm needle tines

Ø5mm needle tines

Extra fine needle tines ensure minimal surface damage.

The tine angle lever allows easy adjustment to the degree of ground shatter intensity, with quick setting to the vertical position for conventional coring.



Hollow Coring



The Verti-Drain tines penetrate vertically when the tine angle lever is positioned at 90°. Perfectly straight cores are being pulled on the surface. Hollow coring is ideal for soil exchange programmes or thatch removal.

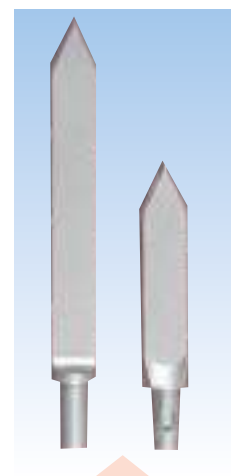


Cross Tines + Chisel Tines

Cross tines ensure an extra intensive aeration treatment, while chisel tines will create more space in the soil for oxygen.



cross tines



chisel tines

These self-propelled Verti-Drains are independently powered and allow for easy manoeuvring in tight areas.

Model Verti-Drain	1513+Carrier
Operation	Walk-in-front
Weight	950kg (430kg+520kg) (2090lbs)
Working with	1320mm (52")
Working depth max	150mm (6")
Engine	32hp, air cooled
Capacity at 55mm (2 1/8") forward hole pattern	2388m ² /h (25790sq.ft/h)

Standard items: Solid tines Ø12x250mm (1/2x10"), frontroller with scrapers, PTO, storage stand, tool box with tools.

Optional items: Solid tines from Ø5x125mm (3/16x5") to Ø12x150mm (1/2x6"), Hollow tines from Ø10x125mm (3/8x5"), Rear roller / Turf hold down fingers / Core Collector; Carrier only: Verti-Drain 1513 can be connected to tractor.

The 1513 Verti-Drain connected to a Carrier functions as a self-propelled aerator. It is a high production aerator, penetrating up to a depth of 150mm with both solid tines and hollow coring tines.

Ground pressure is kept to a minimum, with most of the weight of the 1513 Verti-Drain and the Carrier being absorbed by the wide tyres (24x13.00-12") and the smooth front roller of the Verti-Drain. The ground pressure per square centimeter amounts to an impressive 0.45kg (carrier only).

Carrier + Verti-Drain® 1513



Verti-Drain® 1513 + tractor



The Verti-Drain can be decoupled from the Carrier, and be used on a tractor.

Combination options: Other implements can be attached to the Carrier.



Carrier & 50d cutter

Carrier & brush spreader

Carrier & disc spreader

Carrier & Graden Swing Swing Verti-Cutter

Carrier & sprayer

Carrier & spiker

Carrier & snowblower

Carrier & schriflyer

Carrier & dew brush

Carrier & brush



Speed-Seed at Wembly Stadium-London, operating below the lighting rigs.

Verti-Drain at the Maracana stadium - Rio de Janeiro (Olympics 2016)



These Verti-Drains are the choice of championship courses and sportfields around the world. With 250mm (10") or 300mm (12") working depth the units only require a compact tractor.

Model Verti-Drain	7212	7215	7316
Weight	484kg (1067lbs)	582kg (1283lbs)	697kg (1537lbs)
Working width	1.2m (47")	1.56m (61")	1.6m (63")
Working depth max.	variable to 250mm (10") max	variable to 250mm (10") max	variable to 300mm (12") max
Capacity at 65mm (2 1/2") forward hole pattern	1200m ² /h (12960sq.ft/h)	1870m ² /h (20196sq.ft/h)	1400m ² /h (15120sq.ft/h)
Capacity at 165mm (6 1/2") forward hole pattern	3000m ² /h (32400sq.ft/h)	4680m ² /h (50544sq.ft/h)	3640m ² /h (39312sq.ft/h)
Tractor required	17hp, lift cap 568kg (1250lbs)	23hp, lift cap 700kg (1540lbs)	27hp, lift cap 825kg (1815lbs)

Standard items: Solid tines Ø12x250mm (1/2x10"), front & rear rollers with scrapers, PTO with slip clutch, storage stand, tool box with tools.

Optional items: Multi tine heads, Solid tines: from Ø5 to Ø18mm, Hollow tines: from Ø10 x 125mm (3/8x5") to Ø24 x 250mm (1x10")
 Cross Tines/ Core collector/ Turf hold down fingers/ Rotating brush

Verti-Drain® 7212



The popular Verti-Drain 7212 is ideally suited for greens and other sports turf surfaces where limited access or tractor horsepower is available.



Verti-Drain® 7215



The compact 7215 Verti-Drain fits tractors of 23hp. It contains a multiple amount of arms and tineholders (8) ensuring increased stability.



The Verti-Drain 7316 is an efficient machine for use on sportfields and all areas of the golf course. With a penetration depth of up to 300mm(12") it will aerate up to 4,200m²/h (45,360 sq ft/hr) on fairways.

Ø 5mm (1/16") mini needle tines on multi tine adapters.



Verti-Drain® 7316



Needle Tines in the Summertime

In the hot summer months, when many golf courses see the highest number of rounds, aerators equipped with needle tines can open thousands of holes in a soil profile to help reduce or relieve long-term compaction problems. Needle tines, also known as pencil tines, can be one of the least-disruptive cultural practices used on greens. The treatments help provide passageways so water can move to the root zone, which lowers drainage and irrigation time and costs. Another benefit is that increased root growth means that turf plants can draw on water and nutrients located deeper within the soil and have a higher chance of survival in extreme conditions.

These high speed Verti-Drains are fast aerators, running at speeds of up to 4.3km/h (2.75mph). The new model 1513 can be connected to the Redexim Carrier for a self-propelled option (see page 6).

Model Verti-Drain	1513	1517	7117 Mustang
Working width	1.3m (51")	1.76m (69")	1.7m (67")
Weight	433kg (955lbs)	529kg (1166lbs)	623kg (1373lbs)
Working depth max.	150mm (6")	150mm (6")	150mm (6")
Capacity at 55mm (2½") forward hole pattern	2388m²/h (25703sq.ft/h)	3136m²/h (33759sq.ft/h)	3400m²/h (36720sq.ft/h)
Capacity at 125mm (5") forward hole pattern	5427m²/h (58416sq.ft/h)	7128m²/h (76725sq.ft/h)	7300m²/h (78840sq.ft/h)
Capacity at 165mm (6½")	-	-	-
Tractor required	20hp, lift cap 500kg (1100lbs)	28hp, lift cap 680kg (1496lbs)	25hp, lift cap 700kg (1540lbs)
Dimensions (LxWxH)	-	-	-

Standard items: Solid tines 1 set, front + rear rollers with scrapers (1513 rear roller optional)

PTO with slip clutch, storage stand, toolbox with tools, 3-speed gearbox (not 1513).

Optional items: Solid tines from Ø5x125mm (3/16"x5") to Ø12x150mm (1/2"x6"), Hollow tines from Ø10x125mm (3/8"x5") to Ø18x150mm (3/4"x6"), Turf hold down fingers / Windrow kit / Rear roller (Rear roller standard for 7117 Mustang, 2519)



Verti-Drain® 1513

Mundsley GC gains with new Verti-Drain

Founded in 1901, the golf course was designed with the help of the legendary 6 times Open Champion Harry Vardon.

The club has just taken delivery of a new Verti-Drain (1513) – a very fast lightweight aerator.

Head Greenkeeper Tim Gee's team particularly liked the speed of the machine; being able to get over the ground in a much shorter time frame.

They were also surprised by the good selection of tines available, and that changing a tine was only a five minute job. Depending on the weather they like to aerate once a month on the greens and tees.

"Now that we have the new Verti-Drain (1513) the minor water-logging we have in the lower area of course will no longer be a problem", said Tim.

From TP June/July 2011

The new 1513 can be connected to a tractor as well as to the Redexim Carrier (see page 6).

The fast Verti-Drain 1517 has a working width of 1.7m, and penetrates up to 150mm deep.



Verti-Drain® 1517

Verti-Drain® 7117 Mustang

The Verti-Drain 7117 contains a 3-speed gearbox and has a working width of 1.7m.

**Topdressing prior to Shatter Tining**

After the turf is topdressed with sand, the Verti-Drain works the sand into the soil with solid tines. Set at an ideal shatter angle of 5-10 degrees and a close hole spacing, the tines then shatter the sand backwards through the soil profile thus thoroughly mixing it into the soil structure.



The new Verti-Drain Concorde is able to work at a high speed in hard soils, and can take solid tines with a diameter of up to 24mm(1").

Model Verti-Drain Concorde	2216	2220
Working width	1.6m (63")	2.08m (82")
Weight	926kg (2041lbs)	1142kg (2512lbs)
Working depth max.	up to 225mm (9")	up to 225mm (9")
Capacity at 65mm (2 1/2") forward hole pattern	2796m ² /h (30196sq.ft/h)	3728m ² /h (40262sq.ft/h)
Capacity at 130mm (5 1/2") forward hole pattern	5592m ² /h (60394sq.ft/h)	7456m ² /h (80525sq.ft/h)
Tractor required	45hp, lift cap 1050kg (2310lbs)	50hp, lift cap 1300kg (2860lbs)

Standard items: Solid tines Ø18x225mm. Adapters for tines with Ø24mm to Ø18mm. Front + rear rollers with scrapers, PTO with slipclutch. Storage stand, toolbox with tools.
Optional items: Solid tines from Ø5x125mm (3/16" x5") to Ø24x225mm (1" x9"), Hollow tines from Ø10x125mm (3/8" x5") to Ø32x225mm (1 1/4" x 9"), Hydraulic quick depth adjustment system, Turf holddown fingers, Window kit, Adapters for different tine diameters.

Verti-Drain® 2216 Concorde



This tough model is designed for undulating areas



Optional Hydraulic Depth Control gives the operator easy depth adjustment from the seat, with a highly visible scale.

Manual Depth Control gives simple depth adjustment.



Verti-Drain® 2220 Concorde



For large, compacted areas this Concorde with a working width of 2.08m is ideal.



Verti-Drain® Concorde



Anti-vibration system



An optional anti-vibration system, containing a strong spring, can be added for stony conditions.

VERTI-DRAIN® HEAVY SERIES

The heavy series of Verti-Drains are designed to aerate soils up to a full 400mm (16") deep, with four different models available and a three-speed gearbox that will match any tractor.

Model Verti-Drain	7416	7521	7526
Working width	1.6m (63")	2.1m (83")	2.6m (102")
Weight	900kg (1984lbs)	1399kg (3084lbs)	1643kg (3622lbs)
Working depth max.	up to 350mm (14")	up to 400mm (16")	up to 400mm (16")
Capacity at 65mm (2½") forward hole pattern	1360m ² /h (14688sq.ft/h)	1470m ² /h (15876sq.ft/h)	1820m ² /h (19656sq.ft/h)
Capacity at 195mm (7¾") forward hole pattern	4200m ² /h (45360sq.ft/h)	4410m ² /h (47628sq.ft/h)	5460m ² /h (58968sq.ft/h)
Tractor required	35hp, lift cap 1050kg (2310lbs)	55hp, lift cap 1650kg (3630lbs)	65hp, lift cap 1900kg (4180lbs)

Standard items: Solid tines Ø18x300mm (2/4"x12") for 7416 and 7521 / Solid tines Ø24x400mm (1"x16") for 7521, 7526; Ø24x350mm (1" x 14") for 7416
Front & Rear roller / Toolbox with tools / PTO with slip clutch / Storage stand integrated in machine / 3-speed gearbox

Optional items: Solid tines from Ø5x125mm (3/16"x5") to Ø24x400mm (1"x16"), Hollow tines from Ø10x125mm (3/8"x5") to Ø32x300mm (1 1/4"x 12"), Turf holddown fingers/ Windrow kit/ Adapters for different tine diameters.

Verti-Drain® 7416

The Verti-Drain 7416 is light enough for application on golf greens, while robust enough for hard soils. It penetrates the soil up to 350mm (14").



Verti-Drain® 7521



This unit with a 2.1m working width is widely used by contractors and by golf clubs on fairways.



Verti-Drain® 7526



The Verti-Drain 7526 comes into its own in large open spaces including fairways, race tracks and large sportsfields.

The heavy 76-series weighs considerably more than the 75-series, containing a heavier gearbox, PTO and rear roller support that are the best choice when soils are really hard.

Model Verti-Drain	7621	7626
Working width	2.1m (83")	2.6m (102")
Weight	1744kg (3845lbs)	1994kg (4396lbs)
Working depth max.	400mm (16")	400mm (16")
Capacity at 65mm (2 ½") forward hole pattern	1620m ² /h (17496sq.ft/h)	2000m ² /h (21600sq.ft/h)
Capacity at 195mm (8") forward hole pattern	4850m ² /h (52380sq.ft/h)	6010m ² /h (64908sq.ft/h)
Tractor required	55hp, lift cap 2000kg (4400lbs)	65hp, lift cap 2300kg (5060lbs)

Standard items: Solid tines Ø24x400mm (1"x16") / Front & Rear roller / 3-speed gearbox / Toolbox with tools / PTO with slip clutch / Storage stand integrated in machine

Optional items: Multi tine heads: 8 (7621) or 10 (7626) units / Solid tines: from Ø8 to Ø24mm (1/4"-1"), Hollow tines: from Ø10x125mm to Ø32x300mm / Bogy wheel kit

Verti-Drain® 7621



The 7621 has a 2.1m working width, requiring a tractor of at least 55hp with a lift capacity of 2000kg.



For the 76 Verti-Drain Series the tine depth adjustments are made comfortably from the tractor seat via the hydraulic controls.

Verti-Drain® 7626

The 7626 is the largest and heaviest model yet in the Verti-Drain family.



For easy transport a bogy wheel kit can be added.

Wheel kit - H-Models



A retro-fit boggy wheel system is available for easy transport. This also means that a tractor with less lift capacity is required.

Core collector



The Core Collector uses a flexible rubber flap to gather most of the cores. Behind there is a row of ground following aluminium fingers to ensure that all material is collected without the risk of damage to the turf.

Turf hold down fingers



The turf hold down fingers ensure that, when verti-draining or coring, there is no danger of damage to the turf even with a shallow root system.

Rotating brush



A rotating brush on the rear of the Verti-Drain incorporates sand into the holes, levels the ground or breaks up the cores.

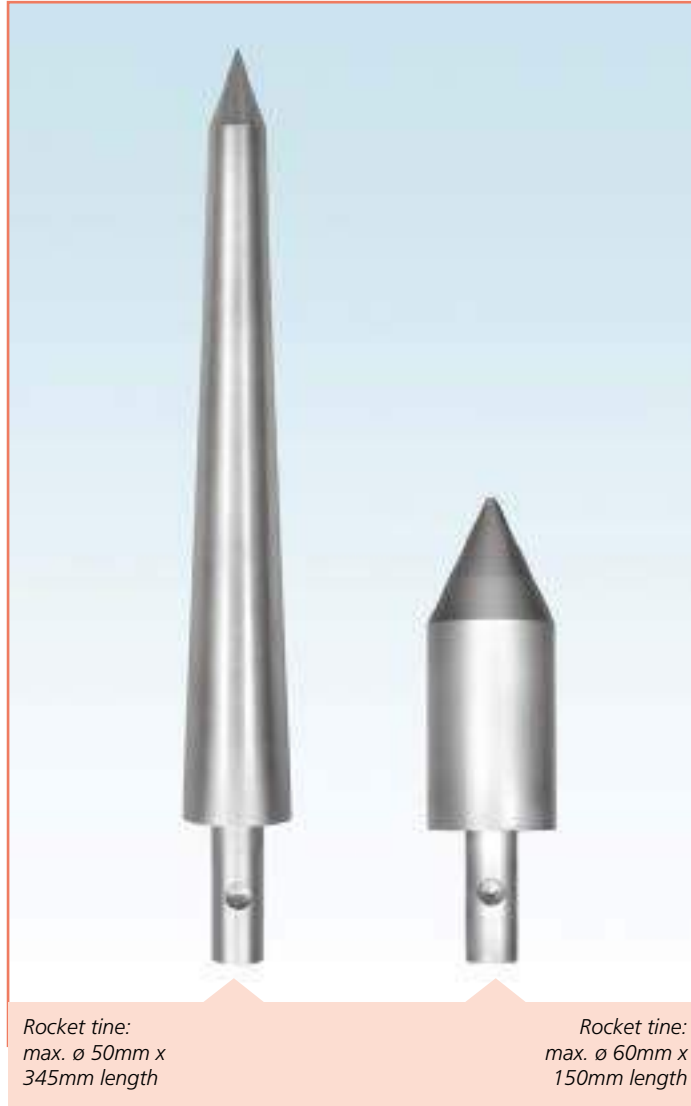
Windrow kit



The Windrow kit aligns the cores for easy collection.

Rocket Tines

Rocket tines are being applied if a large amount of sand needs to be brought into the topsoil. After the topdressing has been spread, these thick tines "push" the sand into the soil. Then the soil is decompacted by using long, Ø 24mm solid tines, with "kick" applied to the tines.



Application of the Rocket tines (top) followed by Ø24mm solid tines (bottom) which mix the sand through the topsoil.



Due to the large forces transferred on the aerator heads, usage of the Rocket tines is only meant for the heaviest Verti-Drain models 7621 and 7626

EASY-CORE: VERTICAL AERATORS-SELF-PROPELLED aeration

These easily manoeuvrable walkbehind aerators produce perfectly vertical aeration holes.

Model Easy Core	104	108
Working width	360mm (14")	520mm (20")
Working depth	70mm (3")	70mm (3")
Weight	118kg (260lbs)	157kg (345lbs)
Engine	51/2hp B.&Stratton*	5hp Honda
Engine drive	non-driven	non-driven
Standard Hollow Tines	Ø22x16x70mm	Ø22x16x70mm
Tine amount per set	4	8
Capacity (max)	2043m ² /h (22064sq.ft/h)	2550m ² /h (27450sq.ft/h)

Optional items: Hollow Tines: Ø16x9 1/2x70mm or Ø22x16x70mm or Ø45x38x70mm
 Solid Tines: Ø9 1/2x70mm or Ø22x70mm
 Chariot-ride behind kit (for model 208 only) / Special air-filled tyres



Easy-Core 104 - 108 and 208

Models 104, 108 are all non-driven, and contain respectively 4 and 8 tine arms, while model 208 is driven and contains 8 tine arms.

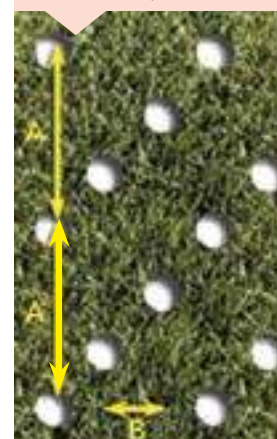
There are 3 models of the walk-behind Easy-Core. A simple but effective aerator. When soil compaction is relieved, this leads to better root growth and improved drainage. This aids thatch control, and stimulates the density of the turf.



Easy-Core 108

Hole spacing:

Easy Core 104
 A = 15cm, B = 9cm
 Easy Core 108 + 208
 A = 17cm, B 6½cm



An optional chariot transfers the Easy Core 208 to a comfortable ride-behind aerator. Wide air-filled tyres are optional.

The Verti-Quake decompacts the soil via rotating off-set blades, shattering it laterally.

Model Verti-Quake	2510	2516	2521	3825
Working width	1.1m (43")	1.6m (63")	2.1m (83")	2.5m (98.5")
Total width	1.28m	1.80m	2.32m	2.53m
Working depth max.	250mm (10")	250mm (10")	250mm (10")	380mm (15")
Weight	520kg (1146lbs)	622kg 1371lbs)	690kg (1518lbs)	1729kg (3812lbs)
Tractor required	25hp, lift cap. 650kg (1430lbs)	30hp, lift cap. 750kg (1650lbs)	35hp, lift cap. 850kg (1870lbs)	80hp, lift cap. 2000kg (4409lbs)
Capacity (max)	1510m ² /h (16308sq.ft/h)	2400m ² /h (25920sq.ft/h)	3150m ² /h (34020sq.ft/h)	3780m ² /h (40688sq.ft/h)
Number of blades	12	18	24	30
Blade thickness	12mm (0,5")	12mm (0,5")	12mm (0,5")	15mm (0.6")

Optional items: Coulter knives for keeping the slits open; 20mm (4") thick blade for model 2510, 2516, 2521

Verti-Quake

2521



The Verti-Quake vastly improves drainage, root development, plus the uptake of moisture and nutrients. 4 Verti-Quake models are available, with a working depth up to 380mm and a spacing between the slits of 260mm.



2516



How does it work?

Decompaction of the soil takes place via offset blades. Their rotary motion, combined with the forward speed, sets up a wave action. Thus the soil is shattered laterally, and decompacted consistently from the surface to full working depth without surface damage.



3825

Pruning roots



2510

The one meter wide Verti-Quake 2510 is ideal to prune up to 6" thick tree rods.

Keeping the surfaces of sports turf open and able to breathe is the prime function of the Verti-Knife, Level-Spike and Multi-Spike systems.

Model	Spiker 1350	Multi-Spike 1200	Level-Spike 1700	Level-Spike 2200	Verti-Knife 1600	Verti-Knife 2500
Working width	1.35m (53")	1.35m (53")	1.8m (71")	2.4m (94")	1.6m (63")	2.5m (98")
Road width	1.44m	1.45m (57")	1.86m (73")	2.47m (97")	2.0m (79")	2.82m (111")
Weight	250kg	398kg (877lbs)	410kg (904lbs)	504kg (1111lbs)	350kg (772lbs)	2242kg (4943lbs)
Tractor required	Min. 30hp	Min. 18hp	Min. 35hp	Min. 45hp	Min. 25hp	Min. 80hp
Working depth	up to 150mm	up to 250mm (10")	up to 250mm (10")	up to 250mm (10")	surface aeration 40mm (1.6") intense aeration 40mm (1.6") deep aeration 25-150mm (1.6")	80mm (3.2")
Number of mounting discs	-	9	12	16	15 30 6	
Standard supplied with	-	36 truckster knives + rear roller	48 deep slit knives	64 deep slit knives	discs + axles for intense aeration + rear roller	72 discs on 2 axles, 35mm slit distance
Knives number	-	Standard/Maximum	Standard/Maximum	Standard/Maximum		
Optional items:	rear roller	wheelkit + weight transfer system	rear roller + weight transfer system	Wheelkit+deep aeration axle set	Cassette of minidisks	

Multi-Spike 1200, level-Spike 1700 + 2200



The Multi-Spike and Level-Spike slit the soil with different size knife options. By locking the rear roller the maximum depth is being set.



The optional weight transfer system ensures that the weight of the tractor is transferred on to the knives in hard soil conditions.

Four knife sizes + spoontines

	Max. working depth	Thickness
Deep Slit Knife	250mm	5mm
Truckster Knife	200mm	3mm
Fine Slit Knife	100mm	3mm
Twisted Deep Slit Knife	250mm	5mm
Hollow Tine	125mm	26mm ø

Fine Slit Knives for intensive aerification

Twisted Deep Slit knives are designed in a twisted form so that a more aggressive slicing job can be done.

Hollow tine option



Spiker 1350



The Slitter 1350, pictured with the Redexim Carrier is simple in design, penetrating up to 150 mm deep.

Verti-Knife 1600



The double axle with discs for intense surface aeration on a golfgreen.

The Verti-Knife runs round discs of different diameters and configurations through the soil, up to a depth of 150mm. The movement of air, water and nutrients is encouraged throughout the critical root zone area. This results in vastly improved root density and rooting depth.

The double axle with discs for intensive surface aeration.



Intense aeration

Position 1	Surface Aeration	
Working depth	10-40mm	The 15 minidisks (working depth up to 40mm) are ideally used when roots are shallow, and when minimal surface disturbance is required.
Disc diameter	200mm	
Disc thickness	3mm	
Number of discs	15	
Disc Spacing	100mm	
Position 2	Intensive Surface Aeration	
Working depth	40mm	A cassette of 30 minidisks can be adjusted to a working depth up to 40mm, for very intense aerification.
Disc diameter	200mm	
Disc thickness	3mm	
Number of discs	30	
Disc Spacing	50mm	Disc spacing is only 50mm.
Position 3	Deep Aeration	
Working depth	25-150mm	Six discs with a large diameter of 450mm, at 300mm spacings, penetrate the soil up to 150mm.
Disc diameter	450mm	
Disc thickness	4mm	
Number of discs	6	
Disc Spacing	300mm	Disc spacing is 300mm.

The optional bogy wheel kit ensures that small tractors or utility vehicles can operate the Verti-Knife 1600.



Deep penetration



Verti-Knife 2500



The heavy Verti-Knife model 2500 is ideal to aerate quickly large turf areas.

The Rink brush topdressers most accurately "shoots" the material with force between the grass blades.

Model Rink	SP950 walk-in-front	SP1205 pulled	TB950	Utility Vehicle model		1005	1010	1210	1520	1622	3045
	Self-propelled	Self-propelled	towed version	for Cushman Turf Truckster	for John Deere Progator/ Toro Workman	3-point hitch version	towed version	towed version	towed version	towed version	towed version
Spreading width	0.95m (37")	1.80m	0.95m (37")	1.80m (71")	1.80m (71")	1.50m (59")	1.50m (59")	1.80m (71")	1.40m (55")	2.0m (79")	2.0m (79")
Spreading thickness	0.3 to 10mm	0.3 to 10mm	0.3 to 10mm	0.3 to 10mm	0.3 to 10mm	0.3 to 10mm	0.3 to 10mm	0.3 to 10mm	0.3 to 40mm	0.3 to 40mm	0.3 to 40mm
Weight	280kg (616lbs)	490kg	190kg (418lbs)	300kg (660lbs)	300kg (660lbs)	200kg (440lbs)	270kg (594lbs)	370kg (814lbs)	950kg (2090lbs)	1062kg (2341lbs)	1950kg (4290lbs)
Hopper capacity level	0.33m ³	0.60m ³	0.33m ³	1.0m ³	1.0m ³	0.75m ³	0.75m ³	1.0m ³	2.0m ³	2.2m ³	4.5m ³
Tractor size	self-propelled 6.5hp engine	self-propelled 18hp engine	Any pull vehicle			25hp+:	20hp+:	20hp+:	25hp+:	35hp+:	65hp+:
						double acting hydraulic valve and min. oil supply of:					
						12l/ min@120bar	12l/ min@120bar	20l/ min@140bar	25l/ min@140bar	25l/ min@140bar	40l/ min@175bar

Optional items: Auxiliary tank and pump unit (Rink 1010,1210, 1520) / Own 13hp engine (Rink 1010, 1210, 1520) / 4 pivoting wheels (Rink 1520) / Dry sand plate (Rink 1204, 1205, 1005, 1010, 1210)



Rink SP1205 walk-in front

The Rink SP950 contains a 6,5hp engine, and the weight of the machine is evenly distributed over 6 wheels in order to minimize ground pressure.



Rink SP1205 walk-in front

The selfpropelled Rink SP1205 has a working width of 1.8m



Rink 1005 3-point white

The Rink 1005 has a capacity of 0.75m³.

These lightweight Rinks can easily be connected to different vehicles.

Rink TB950 pulled



The Rink TB950 is a wheel driven top-dresser and can be pulled by virtually any vehicle. The brush and conveyer belt are driven by the 4 wheels (or optional by 2 wheels), ensuring a constant application rate.

A Quad or ATV easily operates the Rink TB950 pulled.

Rink 1204/1205 on utility vehicle



Rink 1205 for the John Deere Progator (above) and Toro Workman (under).



The Rink 1204 and 1205 contain hoppers made of aluminium and they are being placed on utility vehicles. They cover the tyre marks of the vehicle due to their large working width of 1.8m.

Rink 1010



The floatation tyres minimize ground pressure and the lightweight hopper is made of aluminium to avoid rusting.

RINK BRUSH SPREADERS

topdressing

Rink 1210



The Rink 1210 has low sides, for easy refilling and ensures the operator has a good rear view.

The Dry-sand plate ensures extra accurate spreading.



The Rink 1520 can spread extremely accurate.



Optional: the Rink 1520 can be equipped with 4 small pivoting tyres.

Rink 1520



Rink 1622



The Rink 1622 is extra wide (2m working width) so that less passes are needed.



Rink 3045



The Rink 3045 has a capacity of 4,5m³.

The Handspreader serves tight areas. The Easy-Spread can be loaded in a one man operation, while the Rink 2020 is ideal for spreading coarse material.

Model	Handspreader H620	H1500 pulled	Easy-spread 1000TR	Easy-spread 1500TR	Easy-spread 2000TR	Rink 2020 drum spreader
Operation	Manual	towed	pulled, on tyres	pulled, on tyres	pulled, on tyres	pulled, PTO driven
Working width	0.60m (24")	1.5m (59")	1.0m (39")	1.5m (59")	2.0m (79")	1.4m (55")
Spreading thickness	0.3 to 10mm (0-0.4")	2 to 25mm	0-10mm (0-0.4")	0-10mm (0-0.4")	0-10mm (0-0.4")	3.25mm
Weight (empty)	50kg (110lbs)	180kg (396lbs)	480kg (1058lbs)	633kg (1396lbs)	746kg (1645lbs)	950kg (2090lbs)
Hopper capacity	100 liters	0.4m ³	0.57m ³ (20.12qu.ft)	0.87m ³ (30.7qu.ft)	1.17m ³ (41.3qu.ft)	2.0m ³ (71qu.ft)
Tractor required	-	Any pull vehicle	40hp + 2x double acting hydraulic valve	45hp + 2x double acting hydraulic outlet	50hp + 2x double acting hydraulic outlet	25hp

Handspreader H620



The Handspreader H620 is handy to accurately spread topdressing material on small pitches or tight areas.

Rink H1500 pulled



The Rink H1500 is a wheel driven spreader, ensuring a consistent application rate. It can be pulled by almost every vehicle. The pin drum allows different kinds of material to be spread. The rear brush option saves one working step and levels the surface.

Easy-Spread 1000TR + 1500TR + 2000TR



The Easy-Spread TR series is a one man and tractor operation. The large hopper is hydraulically raised or lowered by powerful hydraulic cylinders for loading and spreading. A wheel transfer frame then takes the weight when transporting the heavy load.



The Easy-Spread 2000TR carries the load over 7 tyres.



Rink 2020 drum spreader



The PTO driven Rink 2020 contains a drum at the rear and is ideal to spread coarse material.

The Rink twin-disc topdressers spread material up to 15m (49ft) wide and successfully operate with wet or dry sand.

Model Rink	Utility Vehicle Model								
	DS550SP walk-in-front	DS550 towed	DS800 towed	DS1200 towed	DS2000 towed	DS3100 towed	DS3800 towed	DS550 for Cushman Turf Truckster	DS800 for J. Deere Progator, Toro Workman + Jacobson XD
Spread width	2 to 12m (6½-40ft) variable		2 to 12m (6½-40ft) variable		2 to 15m (6½-49ft) variable			2 to 12m (6½-40ft) variable	
Spreading thickness	0.5 to 15mm (0.02-0.60")		0.5 to 15mm (0.02-0.60")		0.5 to 15mm (0.02-0.60")			0.5 to 15mm (0.02-0.60")	
Weight	500kg (1102lbs)	420kg (925lbs)	460kg (1012lbs)	490kg (1078lbs)	820kg (1804lbs)	1700kg	1800kg (3960lbs)	320kg (704lbs) incl subframe	440kg (968lbs) incl subframe
Hopper capacity level	0.55cu.m (19½cu.ft)	0.55cu.m (19½cu.ft)	0.8cu.m (28cu.ft)	1.2cu.m (42cu.ft)	2.0cu.m (70cu.ft)	3.1cu.m (105cu.ft)	3.8cu.m (125cu.ft)	0.55cu.m (19½cu.ft)	0.8cu.m (28cu.ft)
Tractor size	selfpropelled, 18hp engine	25hp+: Double acting hydraulic valve and min. oil supply of 25lt/min by 140 bar (2031psi)	25hp+:	25hp+: Double acting hydraulic valve and min. oil supply of 25lt/min by 140 bar (2031psi)	35hp+:	40hp with double acting hydraulic valve and min.oil supply of 25lt/ min by 140 bar (2031psi)	60hp+ single acting valve or brake valve PTO driven	utility vehicle with oil pump with min.oil supply of 25lt/min by 140 bar (2031psi)	
Optional items:			Conveyor belt		Conveyor belt			Conveyor belt	

DS550SP walk-in-front disc-spreader



This top dresser contains a 18hp engine and spreads topdressing material up to 12 meters wide

Disc Spreaders towed



These disc spreaders have a hopper capacity of 0.55m³, 0.8m³ and 1.2m³ (level). The operation of the belt and spinners is done from the tractor seat.



Optional: an electrical control panel, carried to the operator seat, controls the belt and spinner speed

Disc Spreaders towed



DS800



DS1200

The Cross Conveyor has a length of 3 meters.

Single Side Spinner

The Single Side Spinner is able to spread towards one side, or behind the machine. The spreading width and spreading thickness is adjusted with hydraulic regulators, to provide a perfect spreading result. The Single Side Spinner kit is equipped with stainless steel vanes.



DS550SP



DS2000

Optional the DS2000 can be equipped with 4 pivoting tyres.



The 2.0m³ capacity DS2000 evenly spreads wet topdressing material.

Disc Spreaders on Utility vehicle

These discspreaders can be mounted on utility vehicles (DS550 on the Jacobson Truckster; DS800 on the John Deere ProGator + Toro Workman) and the operation of the belt and spinners is done from the seat, by using the hydraulic levers.



DS800



DS550

Large Capacity Disc Spreaders



The DS3100 has a large capacity hopper of 3.1m³ flat, and can spread as wide as 14 meters wide.

Rink DS3100 Double Disc Spreader with front mounted conveyor belt



A front mounted side conveyor allows maximum visibility for the operator on the process.



Rink DS3800 - Double Disc Spreader - 3.8m³ capacity



The large DS3800 contains 2 large balloon tyres to minimize ground pressure.

SPIKED SEEDERS

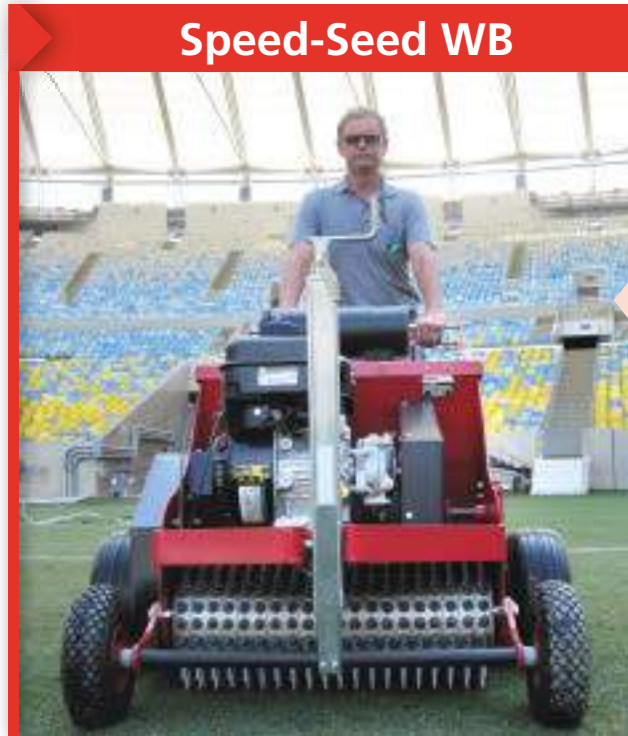
seeding + overseeding

The Speed-Seed uses spiked rollers, spreading seed in thousands of tiny holes.

Model Speed-Seed	WB self-propelled	1200	1600	2100	2400
Working width	0.61m (24")	1.2m (47")	1.6m (63")	2.1m (83")	2.4m (94")
Weight	247kg (545lbs)	383kg (844lbs)	460kg (1014lbs)	613kg (1351lbs)	704kg (1552lbs)
Number of holes	940 per m ² (783 per sq.yd) or 1840 per m ² (1533 per sq.yd) with optional 2nd spiked roller				
Hopper capacity	75ltr (16 gallon)	168ltr (37 gallon)	225ltr (49 gallon)	300ltr (66 gallon)	336ltr (75 gallon)
Seed-density	fully adjustable for any type of seed				
Tractor required	own engine, 6½hp	20hp+450kg (990lbs) lift.	30hp+550kg (1210lbs) lift.	35hp+800kg (1760lbs) lift.	40hp+850kg (1870lbs) lift.
Ground speed	up to 5km/h	up to 10km/h (6mph)		up to 10km/h (6mph)	
Standard items:	Dirt scraper				
Optional items:	2 nd spiked roller / Dirt scraper for spiked roller (all models except Speed-SeedWB)				



The self-propelled Speed-Seed WB carries out all overseeding needs on fine turf areas, and is fitted with an engine of 6½ HP, mechanical drive with a forward speed of up to 5 km/h. A rear brush sweeps the seed into the mass of holes – leaving a groomed finish.



Speed-Seed WB

Speed-Seed WB in the Maracana stadium in Rio de Janeiro



Speed-Seed towed

The towed Speed-Seed models are ideal to (over-) seed large areas quickly. When both the front- and rear roller are equipped with the individual cast rings, a total of 1840 holes per m² can be achieved.



Sept 11, 2007 – The Olympic Grass, for the Beijing Olympics in august 2008, first being planted with the Speed-Seed, producing 1840 holes/m² for the seed to drop in.



An optional scraper is available for the Speed-Seed to keep the spikes clean from soil. Extra weights can be added for hard grounds.

The disc seeders bury the seed accurately in grooves into the soil.

Model	Verti-Seed 804	Verti-Seed 1204	Overseeder 1275	Overseeder 1575	Overseeder 2075
	PTO driven	PTO driven			
Working width	0.84m (33")	1.24m (49")	1.2m (47")	1.58m (62")	2.08m (82")
Weight	446kg (983lbs)	574kg (1265lbs)	676kg (1490lbs)	1172kg (2584lbs)	1507kg (3322lbs)
Disc spacing	40mm (1 9/16")	40mm (1 9/16")	75mm (3")	75mm (3")	75mm (3")
Cutting depth	0-30mm (0-1 1/4")	0-30mm (0-1 1/4")	0-20mm (0-0.8")	0-20mm (0-0.8")	0-20mm (0-0.8")
Hopper Capacity	95ltr (21 gallon)	145ltr (32 gallon)	168ltr (37 gallon)	225ltr (49 gallon)	300ltr (66 gallon)
Seed density	fully adjustable for any type of seed up to 4grm/m ² (1/4lbs/1000sq.ft)		fully adjustable for any type of seed		fully adjustable for any type of seed
Tractor required	17hp, 600kg (1320lbs) lift cap.	22hp, 750kg (1650lbs) lift cap.	35hp, 900kg (1980lbs) lift cap.	40hp, 1300kg (2860lbs) lift cap.	50hp, 1600kg (3520lbs) lift cap.
Ground Speed	up to 10km/h (6mph)	up to 10km/h (6mph)	up to 10km/h (6mph)	up to 12km/h (7.5mph)	up to 12km/h (7.5mph)
Capacity	up to 6000m ² /h (7176sq.yd/h)	up to 10000m ² /h (11960sq.yd/h)	up to 14400m ² /h (17222sq.yd/h)	up to 18900m ² /h (22604sq.yd/h)	up to 24909m ² /h (29791sq.yd/h)

Optional items: Verti-Seed: Fine dosing kit for seeding up to 2grm/m² (0.4lbs/1000sq.ft) * A lighter version of model 1575 is model 1575LV, weighing 827kg (1823lbs) and requiring a tractor with 35hp, 950kg (2090lbs) lift cap. Bogy kit for 1275,1575.



The Verti-Seed is designed for the professional user who wants precision control of dosage and depth, ensuring maximum germination for all seed types. The Verti-Seed's unique action provides direct seed contact with the soil which ensures good germination rates.

The Overseeder buries the seed up to 20mm(3/4") deep in the ground, safe from the beaks of hungry birds and out of the way of the wind. The amount of seed is controlled to a highly accurate degree and the Overseeder takes undulating ground firmly in its stride. This is thanks to individually mounted coulters that allow the seeder to work in undulating conditions.



Overseeder 1275 equipped with the optional bogy wheel kit.



The seed drops between the blades into the groove.

The Double Disc Seeders bury the seed in slits 3cm apart.

Model	Double Disc 1430	Double Disc 1830	Double Disc 2230
Working width	1.4m (55")	1.83m (72")	2.2m (87")
Weight	1416kg (3115lbs)	1750kg (3850lbs)	2076kg (4567lbs)
Disc spacing	30mm (1.18")	30mm (1.18")	30mm (1.18")
Cutting depth	5-30mm (0.25-0.8")	5-30mm (0.25-0.8")	5-30mm (0.25-0.8")
Hopper Capacity	230ltr (50 gallon)	300ltr (66 gallon)	360ltr (79 gallon)
Seed density	fully adjustable for any type of seed		
Tractor required	40hp	50hp	60hp
Ground speed	up to 12km/h (7.5mph)	up to 12km/h (7.5mph)	up to 12km/h (7.5mph)
Capacity	up to 16920m ² /h (20236sq yd/h)	up to 21960m ² /h (26263sq yd/h)	up to 27000m ² /h (32291sq yd/h)

Double Disc Overseeder

The double Disc Overseeder delivers the seed into the soil via the discs, which cut slits 3cm apart, ensuring maximum germination.



DD1830



DD1430



Optional trailed wheel kit

Double discs provide a 3cm seed spacing



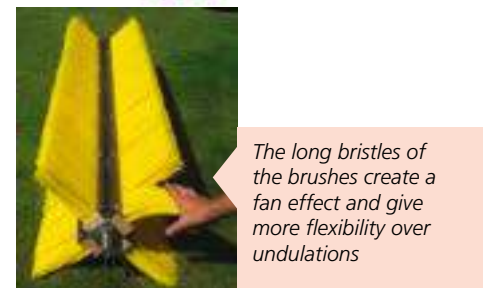
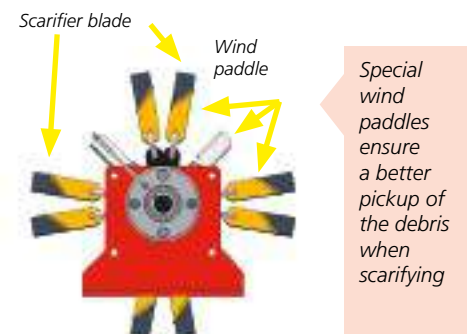
The Turf-Tidy is a versatile sweeping machine, incorporating de-thatching, verticutting and flail cutting.

Model Turf-Tidy	2300	3000
Working width	1.4m (55")	1.8m (71")
Hopper capacity	2.3m ³ (81cu.ft)	3.0m ³ (106cu.ft)
Weight	1360kg (2998lbs)	1528kg (3369lbs)
Recommend min. tractor size		
-as sweeper	25hp	25hp
-as scarifier	35hp	45hp
-as flail mower	40hp	45hp
Tractor hitch	Trailed ring and pin	Trailed ring and pin
Tractor hydraulic requirements	1 single and 1 double acting outlet	1 single and 1 double acting outlet
PTO	up to 540rpm	up to 540rpm
Tipping height	2170mm (85")	2170mm (85")

Standard items: Set of scarifier blades, PTO shaft, front roller, draw bar.

Optional items: Brush kit, front wheels, 2 extra rear wheels (to make total of 4) brush system (model 3000 only)

Turf-Tidy 2300 + 3000



The Turf-Tidy model 3000 has the extra advantage of containing a fully floating head, following the grounds' contours and thus ensuring an accurate cutting and pick up. The Turf-Tidy is standard supplied with scarifier blades, but can also be equipped with different flail blades.



The Turf-Tidy 3000 (here busy scarifying) can be optional equipped with 4 rear tyres.



The tipping height of the hopper is 2.17m.



CORE COLLECTOR

The Walkbehind Core Collector picks up cores, while giving minimal surface pressure.

Core Collector 1200SP



Model Core Collector	1200SP
Working width	1200mm (47")
Weight	550kg (1213lbs)
Engine	13hp
Hopper capacity	0.3m ³ (11cu.ft)
Tipping height	1250mm (49")

The Core-Collector 1200SP is a pedestrian machine which collects cores and debris into a hopper. It then lifts to a height that can tip into a trailer or utility vehicle. At the front of the machine are window boards which allow the machine to move the cores into line. The line is then presented to a stainless steel blade which scoops the cores up, before a conveyor transfers them to the hopper.



These robust verticutting machines remove thatch up to a depth of 40mm(1.6").

Model Verti-Cut	S510 Pedestrian	Model Verti-Cut	1300	Verti-Cut Triple Flex
Weight	48kg (106lbs)	Weight	167kg (367lbs)	422kg (928lbs)
Working width	460mm (18")	Working width	1300mm (51")	2000mm (78")
Working depth	30mm (1,2")	Working depth	40mm (1.57")	40mm (1.57")
Spacing	- with 15 blades 30 mm - with 29 blades 15 mm	Tractor required	18hp at 540rpm Pto	30hp with minilift (hp. 500kg (1102 lbs))
Wheels rear	4.10/3.50-4 Pneumatic with inner tube, heavy duty steel rims and greasable 1" bearings	Standard items	Storage stand / Pto Set of knives 2mm carbide tip	Pto Set of knives 2mm carbide tip
Wheels front	8 x 1.75 semi-pneumatic			Spacing 30mm (1.18") Spacing 45mm (1.77")
Bearings	Taper lock bearings on blade shaft			
Drive belt	3/8" heavy duty positive drive edge			
Engine	Honda, 5.0 hp, 4 cycle			

Optional items: Set of knives 3mm carbide tip

S510 Pedestrian Scarifier



The S510 Pedestrian Scarifier is a professional verti-cutting machine on a welded robust steel frame.

Blade types:

Straight blade (standard)



Thickness 1.2mm (1/16")
oil tempered blade for fine scarifying like golfgreens.
Function
Number of blades 15 blades
Optional 14 extra blades

Diamond blade



Thickness 2.8mm (1/8")
oil tempered blade. for hard conditions.
Function
Number of blades 14 blades

Blade with offset cutting tips

Function: for aggressive scarifying.

Verti-Cut 1300



The Verti-Cut 1300 scarifies up to 40mm deep.

Verti-Cut Triple Flex



The Verti-Cut TrippleFlex contains three floating heads and is ideal to remove thatch from undulated areas like fairways. Oilcoolers prevent overheating.

Machine for 4 functions in one pass: slitting, raking, rolling and brushing.

Model	Multi-Sport 180
Working width	180cm
Weight	328kg
Feature	Slitter, Roller, Brush, Rake
Feature	Storage Stands



The Multi-Sport combination tool offers many features in one unit. The ability to slit, rake, roller and brush in one pass to varying depths is invaluable to football surfaces. The storage stands make dismantling or mounting from the tractor very easy.

VERTI-RAKE

The Verti-Rake decompacts the turf surface using thin spring-loaded and flexible tines.

Model Verti-Rake	Pro 200	Pro 300	Pro 450H	Pro 600H
Weight	220kg (485lbs)	317kg (699lbs)	550kg (1213lbs)	610kg (1345lbs)
Working width	2000mm(79")	3000mm(118")	4500mm(177")	6000mm(236")
Tractor required	18hp	20hp	25hp	40hp
Number of rakes / Foldable	168 / no	240 / no	360 / hydraulically	480 / hydraulically

Optional items: (Pro 200 only): Brushkit / Towed version (mechanically) including drawbar



The tines are integrated in a special protection device that will prevent the loss of tines during operation.



Verti-Rake Pro 450H unfolded



Verti-Rake Pro 450H folded



Model Pro 200 with brushes

The Verti-Rake tines scratch between the turfblades and loosen the thatch. Oxygen and nutrients can be more easily introduced into the surface area resulting in a healthier playing field. The Verti-Rake can also be used to create a seed bed before overseeding.

The straight tines of the Vertical Striegel tear weeds out of the carpet, and break the plant leaves. When moving forward, the tines rotate, and thus create a pulling effect. The tines are positioned off-set in 8 rows, creating tiny grooves which are only 7mms apart. The rotating tines motion ensures that no debris material is being dragged off, as the tines clean themselves.

Model	200	300 triple flex
Working width	2m	3m, foldable
Length	1m	1m
Number of tines	224	336
Number of rows	8	8
Tractor required	25HP	35HP
Weight	123kg	195kg

Vertical Striegel



TURF-CUTTER 610

The Turf-Cutter 610 makes sodcutting easy to do from the tractor seat.

Model	Turf-Cutter 610
Cutting width	610mm (24")
Cutting thickness	adjustable up to 65mm (2.6")
Overall width	700mm (27.5")
Weight	250kg (551lbs)
HP required	18hp

Turf-Cutter 610



This is a sodcutter operated by the PTO of a tractor, and thus able to conquer big jobs. The cutting depth is accurately adjustable upto a depth of 65mm (2.6").

SNOW-BLADE 272

The snow is accurately being removed with the Snow-Blade 272.

Snow-Blade 272



The Snow-Blade 272 is the ideal snow remover for sports fields made of both synthetic and natural turf, fitting relatively small tractors. The blade is entirely galvanized, so that it will not corrode. The working height is accurately adjusted with the two spindles.

Model	Snow-Blade 272
Working width	2720mm (107")
Weight	182kg(401lbs)
Tractor required	25hp min. with front 3-point linkage
Standard item	A-frame Cat.1 included

LINEMARKING

The Turfliner and Line-sprayer produce accurate lines on the turf.

Model	Turfliner	Line-Sprayer
Weight	29kg (64lbs)	30kg (66lbs)
HP required	10liters	variable 10-25 liters

Turfliner



The Turfliner is a linemarking machine for use on grass sportsfields. Manufactured from steel, it transports the linemarking liquid through grooved rollers into accurate lines on the turf.

Line-Sprayer



The line-sprayer draws lines securely on all surfaces. The rear axle drives the hose pressure pump and is equipped with a paint pressure regulator and pressure gauge. The spray gun is mounted on a detachable arm and can easily be adjusted from centre to side line drawing.

VERTI-SPRAY

The Verti-Spray sprays liquids 6 meters wide.

Model	Verti-Spray
Tank size	300 liter
Hitch Type	adjustable chevis
Weight empty	90kg (198lbs)
Required tow vehicle	400kg tow capacity
Standard items:	boom sprayer / swath 6m + trigger spraygun 5m hose



The trailed Verti-Spray is an excellent tool for any turf spray application. Easily coupled to most tow vehicles, the 12 volt sprayer quickly disperses up to 300 liter disinfectants and other liquids such as static reducing mixes, or plain water to cool the playing surface.

MEASURING EQUIPMENT

This device measures how far the ball rolls, and how high it bounces and gives an indication on what kind of maintenance is needed.

Redexim produces several instruments to measure the performance of the field.

Ball Roll Tester + Ball Rebound Tester



The Ball Roll values for natural turf would vary between 4- and 10m, natural turf in ideal conditions will give values from 4- to 8m. The lower the value, the slower the pitch.*

The Vertical Ball Rebound is measured by dropping a ball from 2 meters and measuring the rebound height. Natural turf will give values of between 50 and 100 cm, but an "ideal" natural turf will give values of between 60 and 85 cm.*

Quake Meter



The Quake Meter is a penetrometer, the perfect scientific instrument for measuring compaction levels in the soil at all depths down to 600mm (24"). High quality stainless steel and aluminium alloy for durability and accuracy. Hydraulic action gives steady and consistent read out in all conditions.



A variety of brushes are on offer for spreading material, or for combing the grass blades.

Model	Verti-Comb 1800	Verti-Comb 4000	Dew Brush 6000	Dew Brush manual	Speed-Brush	Verti-Brush	Verti-Broom 185	Verti-Broom 240	Verti-Broom WB
Working width	1.8m (71")	4.0m (157")	6.0m (237")	2.12m (83")	1.40m (55.1")	1.5m (59")	1.85m (73")	2.4m (94")	1.0m (39.5")
Weight	121kg (267lbs)	239kg (527lbs)	58kg (128lbs)	18kg (40lbs)	181kg (398lbs)	128kg (282lbs)	50kg (110lbs)	75kg (165lbs)	36kg (79lbs)
Tractor required	18hp+200kg lift cap.	25hp+450kg lift cap.	18hp+100kg lift cap.	-	Any vehicle with 12 volt + electric connection	13hp with double acting valve + 10ltr per min. at 70bar	10hp	10hp	-

Optional items: Verti-Comb: Magnetic kit / Steel pins section front + rear / Drawbar + transport wheel kit (lift: mechanical or hydraulic or electrical), Speed-Brush: stift brush; Verti-Broom 185+240: transport wheels

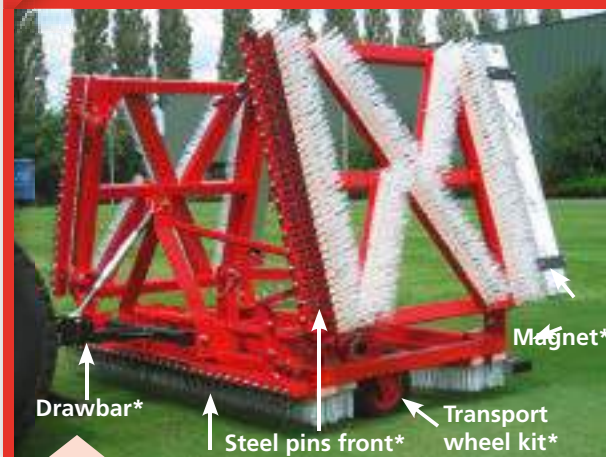
Verti-Comb 1800



↑ Steel pins rear*

The Verti-Comb is designed for brushing and decompacting large areas of turf quickly and efficiently. Foldable side wings can be added to the standard Verti-Comb 1800 converting it into the model 4000 (4.0m working width).

Verti-Comb 4000



↑ Drawbar* ↑ Steel pins front* ↑ Magnet* ↑ Transport wheel kit*

The Verti-Comb 4000 is foldable resulting in a total width of 2.22m in transport position.

*=optional items

Dew Brush 6000



When folded, the Dew-Brush 6000 has a working width of 2.15m.



The Dew Brush 6000 is ideal for dew dispersal, and striping for improved presentation. Brushing away the dew dries the turf, reducing the risk of disease.

Dew Brush manual



The manual Dew Brush weighs 18kg (40lbs) and is ideal to remove the dew from grass blades and to pull them up vertically.

TURF-BRUSHES

brushing/leveling

Speed-Brush



The Speed-Brush is a towable grooming machine containing two round brushes which rotate opposite of the direction of travel. Thus sand + infill is effectively brushed into the turf surface, and excessive infill is transported over large distances to low areas. At the end the fibres are pulled up vertically.

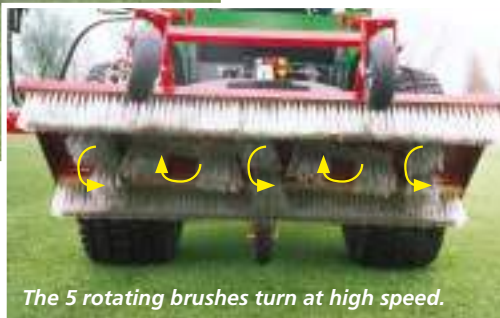


The optional blue brush is stiffer and contains more fibres per cm², and thus performs better in humid conditions.

Verti-Brush



The Verti-Brush levels and distributes topdressing material with 5 powerful hydraulic brushes. The durable poly brushes can be accurately set to a specific depth to achieve a light surface brush-in or aggressively mix and loosen the deepest fill.



The 5 rotating brushes turn at high speed.

Verti-Broom pulled + manual



For brushing and striping of turf, nothing beats the proven Verti-Broom pulled (models 185 and 240) + WB manual. The highly effective triangular arrangement of the brushes will straighten and groom each grass blade.



The hand pulled Verti-Broom WB

DRAGMATS

Rubber and steel dragmats spread topdressing material evenly.

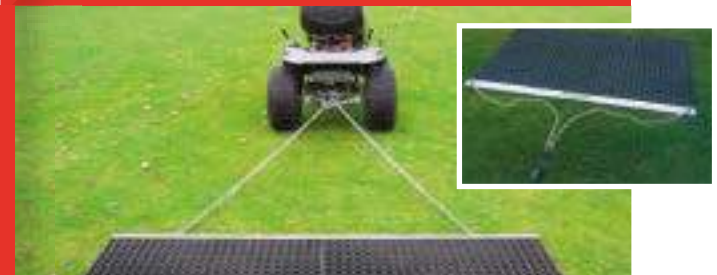
Steel Dragmat



Size	Weight
120x180cm	12kg (26lbs)
180x240cm	35kg (77lbs)
240x240cm	47kg (103lbs)

Stainless steel scraper wire mats are being used to evenly distribute topdressing material.

Rubber Dragmat



Size	Weight
150x100cm	18kg (40lbs)
300x100cm	34kg (75lbs)
300x150cm	51kg (112lbs)

The 15mm thick Rubber Dragmat is ideal to rub-in sand and rubber infill. It can be hand-pulled, or towed behind a vehicle.

Renovation of the turf surface can take place with the Turf-Stripper equipped with frase blades or verti-cut blades.

Model	1200	1600	2000	2400
Weight	616kg (1358lbs)	1000kg (1908lbs)	1290kg (2844lbs)	1500kg (3300lbs)
Working width	1.2m (47")	1.6m	2.0m (79")	2.4m (94")
Working depth	up to 50mm	up to 50mm	up to 50mm	up to 50mm
Operational speed	0 – 3km/h	0 – 3km/h	0 – 3km/h	0 - 3km/h
Capacity/hour	500-1000m ² /h	800-1200m ² /h	1000-1500m ² /h	1300-1800m ² /h
Tractor required	35hp with 1x double acting hydraulic valves	40hp with 2x double acting hydraulic valves	40-50hp with 2x double acting hydraulic valves	70-85hp with 2x double acting hydraulic valves

Optional items: extra frase blades / verti-cut blades / extra rotor



Turf-Stripper 2000

The Turf-Stripper is a frase-mower, removing turf, weeds and thatch from a field. A side arm conveyor transports the debris into a trailer. Optionally a separate rotor containing verti-cut blades can be installed.

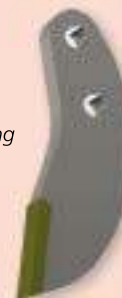


The Turf-Stripper can be equipped with frase blades (above) or verti-cut blades (right).



Hybrid Turf Blade for Turf-Stripper

The Hybrid Turf Blade is made of special wear resistable steel, containing a carbide tip



The Hybrid Turf Blade is designed for fine turf and removes organic matter that has been build up over time. It has been developed for hybrid surfaces, like Desso GrassMaster, STS Grass, and for natural turf surfaces. A level surface is left behind, ready for overseeding. The Hybrid Turf Blades contain carbide tips, to prevent wearing of the blades.

VIBRA-SANDMASTER

The Vibra-Sandmaster injects sand into the soil, and upgrades the profile.

Model	Vibra-Sandmaster
Weight	2642kg (5825lbs)
Working width	1.6m (63")
Working depth	5-22.5cm (2"-9")
Hopper capacity	1500kg (2420lbs)
Capacity/hour	500-1000m ² /h (5400-10800sq.ft/h)
Tractor requirements	65-90hp with creapgear +30ltrs min. hydr. oilflow+ 2 single acting hydraulic valve.



The groove is filled with sand up to 15-22.5cms deep

Vibra-Sandmaster



The Vibra-Sandmaster will effectively decompact and surface drain the soil all in one pass. Mounted in the front of the Vibra Sandmaster



is the Verti-Quake model 1516, which decompacts and slits the turf down to 22.5cm deep. Vibrating coulter blades open up the slits and inject sand down to between 15-22.5cm. A rear set of flotation tyres gently firm up the ground leaving a level ready-to-play surface. The Vibra Sandmaster works with wet or dry sand or gravel and shows very little surface disturbance.

This robust rotary mower produces a pristine finish.

Model	RDM 1800
Working width	1.8m (47.2")
Weight	620kg (1367lbs)
Cutting height	12-112mm
Working speed	up to 20 km/h (12mph)
Recommended tractor	30hp with 775kg (170lbs.) lift capacity at 610mm (24")



Red Diamond mower

The Red Diamond mower is a robust rotary mower, producing a pristine finish. It is the ideal mower for sportsfields, schoolgrounds and parks.



REDEXIM MACHINES ARE BEING USED AT THE WORLD'S MOST PRESTIGIOUS VENUES:



"I purchased the Verti-Drain about 3 years ago to replace an older model which had provided good results and reliability for over 10 years. As I write this, the Verti-Drain is out on the course aerating greens and tees as part of the course preparations for the 2008 British Open Championship."

Chris Whittle, Course Manager
Royal Birkdale Golf Club - UK



"In addition to hosting this year's PGA Championship, Oakland Hills CC South Course also receives about 30,000 rounds of golf annually. The stress we experience on our fairways from this level of traffic has been reduced because of the use of the Verti-Drain. Our fairway turf has improved and the disruption to our members is minimal."

Steve Cook, CGCS.
Oakland Hills CC - USA



"Some members call me "Punch" and my crew thinks that "my cure all" is aerification. Adding oxygen to our soil is one of the most important practices we do as Turf Managers. The Verti-Drain Aerifier is helping Valhalla Golf Club prepare for the Ryder Cup."

Mark Wilson, CGCS.
Valhalla Country Club - USA

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