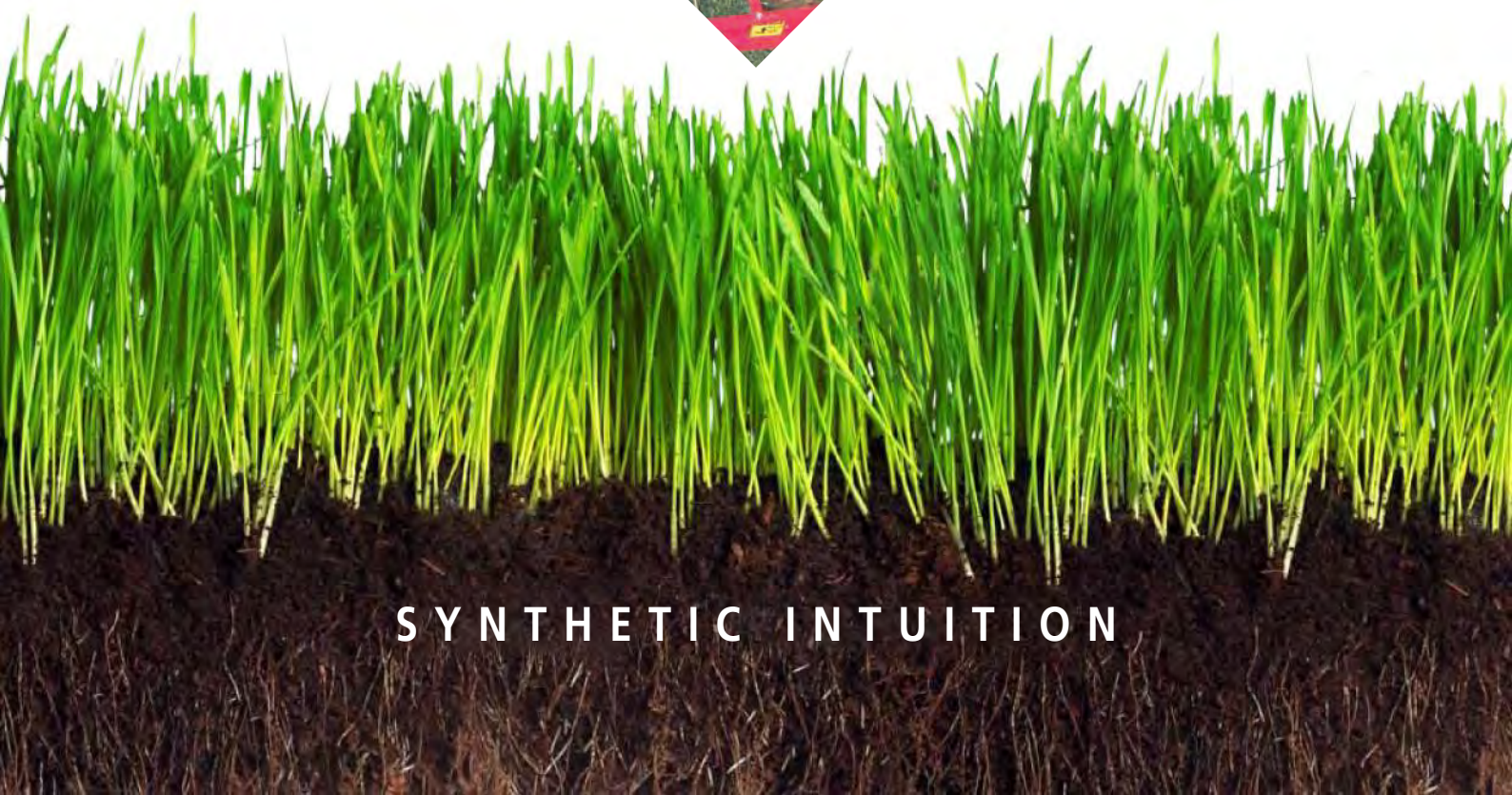


Redexim



SYNTHETIC INTUITION

Redexim



WELCOME

For more than 40 years Redexim has been at the forefront of research and development in the professional turf maintenance sector. We have a proud history of supplying professional equipment to leading sporting venues around the world, from world cup pitches and olympic stadiums to championship golf courses, Redexim equipment plays a vital part in the maintenance of these facilities.

Redexim originally introduced the iconic Verti-Drain®, deep tine aerator to the market, revolutionising the approach to professional turf care.

Constant research and development has seen Redexim strive to bring innovation to the industry. Redexim are proud to market a complete range of complimentary equipment, including Overseeders, Topdressers, Scarifiers and Sweepers alongside the Verti-Drain®.

Redexim prides itself on knowing the market place and staying in touch with their customers. Over the last 20 years we have seen the introduction of artificial turf and recognising the importance of efficient maintenance Redexim have developed a full range of Artificial Turf equipment, from simple surface brushes to complete infill removal. Redexim have a range to suit this ever developing surface.

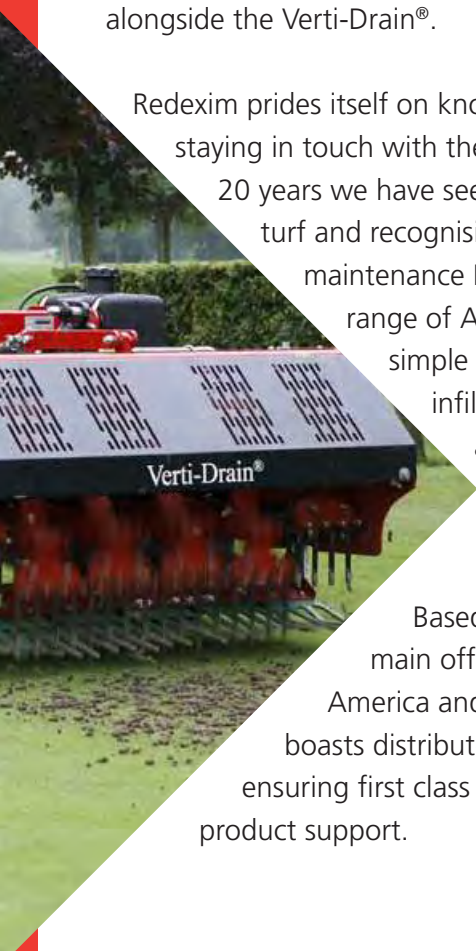
Based in the Netherlands with main offices in Australia, China, America and United Kingdom, Redexim boasts distributors in over 100 countries, ensuring first class customer service and excellent product support.

IT IS THE POLICY OF REDEXIM®

To provide its customers with robust and reliable equipment built to meet the needs of the professional user. It is also our aim to develop an ongoing relationship with our customers and wherever possible, will always make our staff available to discuss particular requirements. We would be happy to make arrangements for practical demonstrations of any item of equipment through our dealer network.

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



SYNTHETIC TURF MAINTENANCE

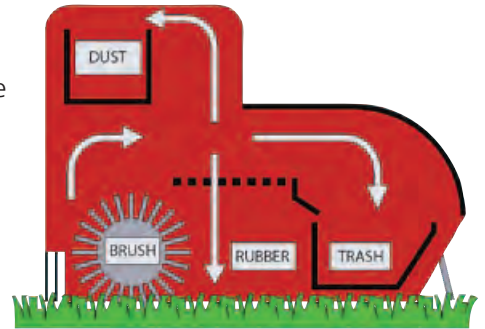
In recent years Redexim has lead the way in the development and manufacture of Artificial Turf Maintenance equipment, from simple brushing, to the removal of infill material or collection of debris from the surface.

The advantages of synthetic surfaces are well documented, useable in most weathers, playable 12 months of the year, but all too often the maintenance of these surfaces is over looked because of the belief that they are maintenance free. This misconception can often lead to problems in later life of the surface. A properly maintained surface can offer

many years of trouble free use.

It is vital that fibres are vertical as much as possible so as to avoid unnecessary wear on the surface, and in turn shortening the life of the investment. Also key is the removal of surface debris which if allowed to rot and make its way down to the bottom of the pile can have an adverse effect on playing characteristics and again will reduce life expectancy of the surface.

Redexim have a wide range of equipment for the maintenance of these surfaces whether it be sand filled, sand dressed or 3G.



Eliminator



Verti-Top Vac



Rink 1010 Infill dresser



Verti-Broom



X-treme Clean



Verti-Rake



Gathered debris from collection bag of a Verti-Top Vac

The Eliminator removes the infill-material from the turf by using an intensive rotating brush. A conveyor belt transports the material to a dumptruck or in a large bag which is carried alongside the Eliminator.

Model	Eliminator
Working width	1.5m (59")
Weight	600kg (1320lbs)
Working depth (cm)	up to 5cm.
hp required	35hp with lift cap. of 900kg + 2x double acting valve
Dimensions:	160x210x238cm



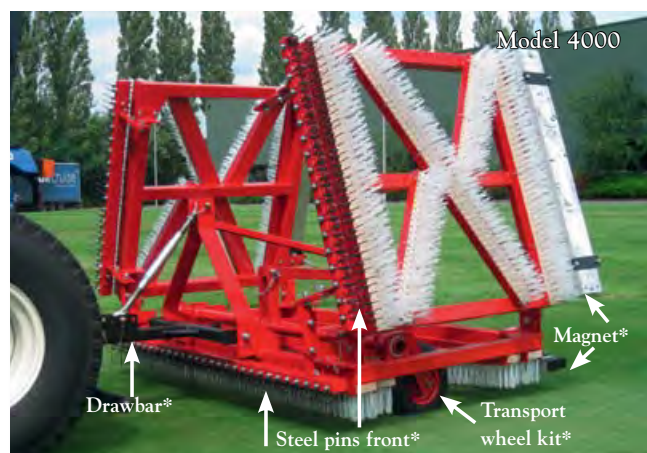
The Eliminator is ideal to remove sand from short piled tennis or hockey fields.



Infill is a "mobile" material, so it will inevitably move around whilst the surface is used. The movement of the player and the characteristics of many of the sports played on these surfaces means the infill will be moved to the outside of playing area. Brushing with brooms is required to evenly re distribute the infill back into the playing surface.

Model	Verti-Comb 1800	Verti-Comb 4000	Straight	Verti-Brush	Verti-Broom 185	Verti-Broom 240
Working width	1.8m(71")	4.0m(157")	2.0m(79")	1.7m(67")	1.85m(73")	2.4m(94")
Weight	104kg(229lbs)	220kg(484lbs)	17kg(37lbs)	170kg(374lbs)	50kg(110lbs)	75kg(165lbs)
Tractor required	18hp+200kg lift cap.	25hp+450kg lift cap.	12hp+30kg lift cap.	13hp with double acting valve + 10ltr min. at 70bar	10hp	10hp

Verti-Comb 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 model converting it into the model 4000 (4.0m working width).



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

*=optional items



Several options can be added, these include steel front or rear pins for decompaction, a magnetic strip for picking up steel debris, and a transport wheel kit with drawbar, which makes it possible to pull the Verti-Comb with any vehicle.



Straight Brush

The Straight Brush contains special soft elastic bristles and removes dew from the grass blades, in order to prevent diseases.

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Verti-Brush

The Verti-Brush levels and distributes topdressing material with powerful hydraulic brushes. The 5 counter-rotating brushes easily reach to the base of the turf to loosen and evenly redistribute fill or can be applied to mix and level a new application. 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.



Optional transport wheels can be added

Verti-Broom

For brushing and striping of turf, nothing beats the proven Verti-Broom. The highly effective triangular arrangement of the brushes will straighten and groom each grass blade. The soft, long wearing brushes quickly and efficiently brush surface infill to an even and level finish.



Model 240 has a large working width of 2.4m

The Redexim infill machines are ideal to fill artificial turf fields, with sand and infill during initial construction, but also for refilling existing pitches. A typical synthetic field loses 5-10% of its infill over a year.

Model	SP950 walk-in-front	TB950 tow behind	Utility Vehicle Model					
			1204	1205	1005	1010	1210	1520
			for Cushman Turf Truckster	for John Deere Progator/Toro Workman	3-point hitch version			
Spreading width	0.95m (37")	0.95m (37")	1.80m (71")	1.80m (71")	1.50m (59")	1.50m (59")	1.80m (71")	1.40m (55")
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 40mm
Weight	280kg (616lbs)	190kg (418lbs)	300kg (660lbs)	300kg (660lbs)	200kg (440lbs)	270kg (594lbs)	370kg (814lbs)	950kg (2090lbs)
Hopper capacity level	0.33m ³	0.33m ³	1.0m ³	1.0m ³	0.75m ³	0.75m ³	1.0m ³	2.0m ³
Tractor size	self-propelled 6.5hp engine	Any pull vehicle			25hp +:	20hp +:	20hp+:	25hp+:
					double acting hydraulic valve and min. oil supply of:			
					12l/min@120bar	12l/min@120bar	20l/min@140bar	25l/min@ 140bar
Optional items:	Auxiliary tank and pump unit (Rink 1010,1210, 1520) / Own 13hp engine (Rink 1010, 1520) / 4 pivoting wheels (Rink 1520) For 1204/1205 only: Drysand plate/Hopper Extension kit to 2.0m ³							

Rink SP950 Walk-in-front

The Rink SP950 is powered by a 6½ hp engine, and the weight of the machine is evenly distributed over 7 wheels in order to minimize ground pressure.



Rink TB950

Tow behind

The Rink TB950 is a wheel drive topdresser and can be pulled by virtually any vehicle. The brush and conveyor belt are driven by the wheels (either 2 or 4 wheel driven), ensuring a constant application rate.



The Redexim infill machines are ideal to fill artificial turf fields, with sand and infill during initial construction, but also for refilling existing pitches. A typical synthetic field loses 5-10% of its infill over a year.

Rink Spreaders for Utility vehicles



Rink 1205

The hoppers of the spreaders are made of aluminium to reduce the total weight, so that they can be placed on top of utility vehicles. Model 1205 for on the Toro Workman or John Deere Porgator and model 1204 for on top of the Cushman Turf Truckster.



A Hopper Extension Kit can be mounted on top of the Rink 1204, increasing its total capacity to 2.0m³ for infill (photo left).

Rink 1005

3-point hitch version

The Rink 1005 is carried in the 3-point hitch of a tractor and has a capacity of 0.75m³.



Rink 1010

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



Options:

- a Hopper Extension kit (photo r-top) increases the hopper capacity to 1.27m³.
- a Special Infill kit (photo r-bottom) consists of a custom seal kit and a rake, which pulls the fibres into a vertical position immediately behind the wheels of the spreader, so that the Infill material can drop down to the base of the mat.
- if a 13hp engine is added the Rink 1010 can be pulled by virtually any vehicle (photo l-below).



The Redexim infill machines are ideal to fill artificial turf fields, with sand and infill during initial construction, but also for refilling existing pitches. A typical synthetic field loses 5-10% of its infill over a year.

Rink 1210

The Rink 1210 is low to the ground, for easy refilling and ensuring the operator a good rear view.



The Dry-sand plate ensures extra accurate spreading.

Options on the Rink 1210 are the Hopper Extension kit (increasing the hopper size to 2.0m³), a Special Infill kit (to pull the fibres vertically) and a 13hp engine (a tractor is then not required) as shown in the photo below.



Rink 1520

The Rink 1520 can spread extremely accurate.

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



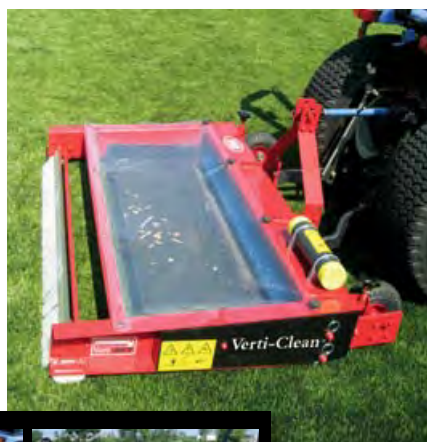
The Rink 1520 with the Special infill Kit.

The Infill material used in synthetic turf must be kept level for a consistent playing field and the upper carpet fibres have to remain free of litter and detritus to avoid the accumulation of dirt and bacteria, as well as harmful materials such as glass or stray studs.

Model	Verti-Clean pulled	Verti-Clean PTO driven	Verti-Top Vac 1200	Verti-Top Vac 1800	Verti-Top Vac Tow behind	Verti-Top WB	Verti-Air 160	X-treme Clean 1200	X-treme Clean 1800
Working width	1.5m (59")	1.5m (59")	1.2m (47")	1.8m (71")	1.45m (57")	84cm (33")	1.6m (63")	Width: 1.2m (47")	Width: 1.8m (71")
Weight	109kg (240lbs)	115kg (250lbs)	320kg (705lbs)	450kg (997lbs)	300kg (660lbs)	150kg (330lbs)	473kg (1041lbs)	Weight: 225kg	Weight: 300kg
Capacity hopper	70ltr	70ltr	64ltr	96ltr	70ltr	30ltr	100ltr	Number of brush: 6	Number of brush: 9
Tractor required	12hp + 150kg lift cap.	12hp + 150kg lift cap.	20hp + 360kg lift cap.	25hp + 500kg lift cap.	no; is pulled unit with 6½ hp engine		35hp + 670kg lift cap.	18hp	25hp
Dimensions	171x108x70cm	171x108x70cm	158x140x90cm	158x201x90cm	140x170x100cm		190x140x100cm	Number of rotors 2	Number of rotors 3
Optional items:	for Verti-Clean: Rear steel pin section for Verti-Clean+Verti-Top: Sieve mesh size:3,2x3,2mm, 4x4mm,5,5x5,5mm,6x6mm Magnet for collecting ferrous materials for Verti-Top 1500: vacuum cleaning mechanism								

Verti-Clean

The Verti-Clean picks up surface debris with a rotating brush, which throws it on a vibrating sieve. The sieve filters infill material back on to the playing surface, while retaining the debris. Both the rotating brush and the vibrating sieve are powered by the movement of the machine.



The PTO driven version of the Verti-Clean makes it easier to remove larger amounts of dirt, debris and detritus as the rotary speed of the brush can be varied.



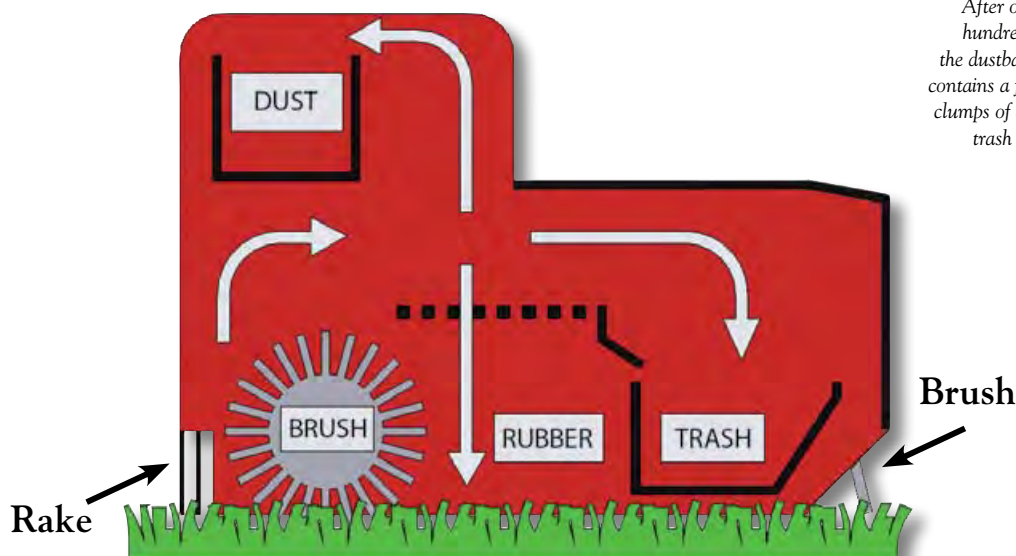
The lightweight hopper with debris can easily be removed for emptying

Verti-Top Vac 1200 + 1800

The Verti-Top's rotary brush ingeniously removes surface litter and the top infill layer, then filters out debris by using a vibrating mechanism. The cleaned infill is then redistributed evenly over the surface, and a rear brush ensures a smooth finish. During the process a powerful vacuum system uses suction to lift the fine particles such as dust, hair and broken fibres into a filter bag.



The Infill material used in synthetic turf must be kept level for a consistent playing field and the upper carpet fibres have to remain free of litter and detritus to avoid the accumulation of dirt and bacteria, as well as harmful materials such as glass or stray studs.



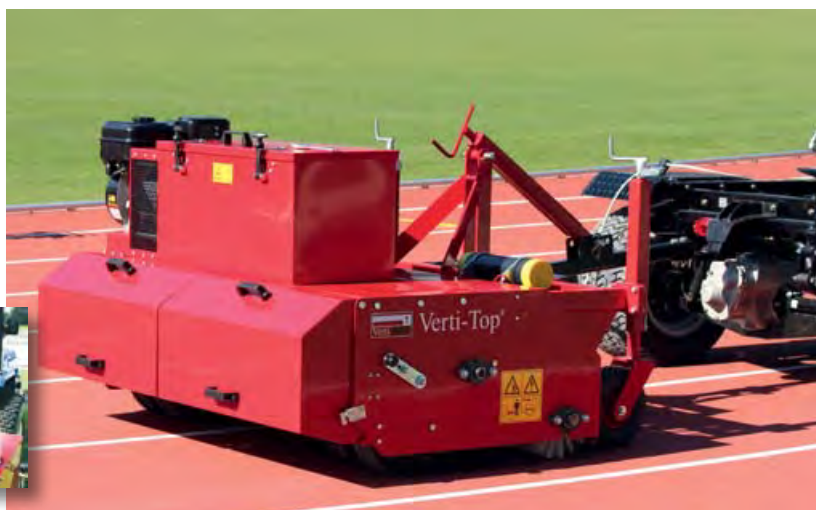
After only a few hundred meters, the dustbag already contains a few dense clumps of dirt, hair, trash and dust.



There are optional sifting screens (sieves) available for various infill sizes.

Verti-Top Vac Tow Behind

The Tow Behind Verti-Top Vac utilizes the same innovative cleaning technology as the tractor mount version by quickly and effectively removing debris from the surface while gently brushing and grooming the turf fibers. All material that is brought up is sifted out in a vibratory shaker screen with the clean infill being returned to the turf and the debris sifted into two easy-to-empty bins. The Tow-Behind Verti-Top Vac is equipped with a quiet and powerful 6½ hp engine. This machine can be used with any power unit – from a golf cart to a riding lawn mower.



Verti-Top WB

The Walk-behind Verti-top is self-driven and powered by a 6½ hp engine. It is ideal to clean small areas.

The width of the Verti-Top WB can be narrowed to 87cm enabling it to pass through small passways.



Charterhouse Turf Machinery Ltd, Unit 9, Weydown Road Industrial Estate, Haslemere, Surrey GU27 1DW
t: 01428 661222 f: 01428 661218 e: sales@charterhouse-tm.co.uk e: parts@charterhouse-tm.co.uk

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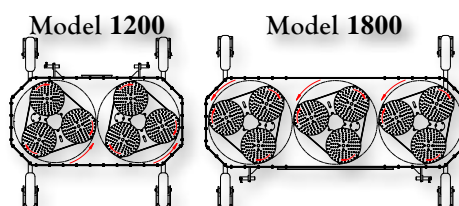
Verti-Air

The new Verti-Air is designed to clean dust particles out of synthetic turf surfaces. While the brush picks up debris and crumb rubber, a powerful turbo-fan pulls the volatile dust particles into a filter. The larger debris particles and crumb rubber fall on a shaking filter, through which the rubber falls back on the field, while the debris is transported into a storage box for later emptying.



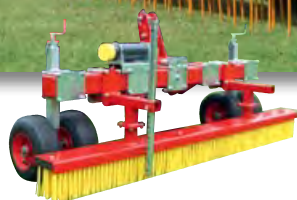
X-treme-Clean

The X-Treme-Clean decompacts the toughest of sand based surfaces. The machine uses firm brushes designed to penetrate the compacted surface, these are mounted on separate heads which intern rotate in opposite directions. The carpet is decompacted bringing the infill to the surface to be removed, cleaned or worked back into the fibres. The X-Treme-Clean is ideal to regenerate tennis courts, sand-filled football fields and hockey fields.



Compaction will inevitably occur on filled synthetic surfaces, this will make the surface harder to play on, give unrealistic playing characteristics, become dangerous and will have an impact on the carpets lifespan. It is imperative to use spring tines (rakes and pins) to loosen the infill mix. This process keeps the fibres upright allowing them wear correctly and the player to gain traction on the surface.

Model	Verti-Groom	Air-Rake
Working width	2.0m(79")	2.0m(79")
Weight	150kg (330lbs)	100kg (220lbs)
Tractor required	14hp+200kg lift cap.	10hp+140kg lift cap.
Dimensions	50x200x90cm	100x215x80cm
Number of rakes/pins	45xØ5/66xØ3mm	45
Optional items:	For Verti-Groom: Brushkit + towed version (mechanically) incl. drawbar	



Optional-photo left: the mounting beam with rakes or pins can be exchanged for a beam containing a brush. Also a frame containing 3 brushes can be attached at the rear (photo right).

Verti-Groom

The Verti-Groom is equipped with fine and flexible steel rakes (3 rows of Ø 5mm) or optional steel pins (2 rows of Ø 3mm) which gently lift and break up compacted areas. They straighten and lift the turf fibres, leaving them plush and upright for a soft and level playing surface.



Air-Rake

Like the Verti-Groom, the Air-Rake is equipped with spring steel rakes of Ø 5mm. However the rows with rakes are deplaced from each other and the Air-Rake is pulled on two sliding carriages.



The regular use of brushes on an artificial turf field results in the build up of static electricity in the fibres. As a result, infill moves upwards, and it is hard to work it back down in the carpet.

Dragmat

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



Stainless steel scraper wire mats are being used to evenly distribute infill material, and to eliminate the static electricity in the fibres.

Charterhouse

TURF MACHINERY



Redexim World Headquarters
Redexim BV, Kwekerijweg 8,
3709 JA, Zeist, The Netherlands

Phone: (31) 30 6 933 227
Fax: (31) 30 6 933 228
E-mail: verti-drain@redexim.com
www.redexim.com

Charterhouse Turf Machinery Ltd
9 Weydown Road Ind Est, Haslemere,
Surrey GU27 1DW

Phone: +44 (0)1428 661222
Fax: +44 (0)661218
sales@charterhouse-tm.co.uk
www.charterhouse-tm.co.uk
Twitter: @ctmTURF

Redexim North America
29 Cassens Court
Fenton, MO 63026

Phone: 636.326.1009
redexim@aol.com
636.326.4884
Fax: 636.326.4884

Redexim Australia & New Zealand
PO Box 1064
Gwelup 6018

Phone: +61419310546
Lukrys@bigpond.net.au
Fax: +61894480558



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