

BLEC



A division of the Redexim Group



PRODUCT GUIDE



www.blec.co.uk



WELCOME

BLEC are suppliers of specialised landscaping and turfcare equipment offering a wide range of machinery including both pedestrian and tractor mounted, to golf greenkeepers, sportsfield groundsmen, municipalities, sod growers and landscape maintenance contractors.

All our equipment is engineered to the highest standards and built for longevity and reliability.

BLEC is now a member of the Redexim Charterhouse group, worldwide leaders in the Turfcare market – their investment will ensure that the BLEC quality brand will continue to be available around the world, with new and innovative equipment being added to the existing range to keep BLEC in the forefront for the years to come.



**For all enquiries contact us on
+44 (0)1428 661222
Email sales@blecmachinery.com
www.blecmachinery.com**

IT IS THE POLICY OF BLEC

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:
+44 (0)1428 661222**



Welcome 2

▶ Grading

BLEC Bar Grader 4

BLEC Box Scraper 5

BLEC Grader 6

BLEC Laser Grader 7

▶ Seeders

BLEC Cultipack Seeder 8

BLEC Multi-seeder 9

BLEC Turf-Seeder 10

▶ Renovation

BLEC Multivator 11

▶ BLECavator

BLECavator (Compact) 12

BLECavator (Heavy Duty) 13

▶ Soil Preparation

BLEC Power Box Rake (BCS Two Wheel Tractor) 14

BLEC Power Box Rakes (Tractor & Loader Mounted) ... 15

BLEC Rotor-Rake 16

GRADING

BLEC BAR GRADER



- Quick change reversible hitch frame
- All models have 5 heavy duty bars
- Easy to use and maintain
- Levels and grades
- Economical cost to buy
- 2x sizes available

The BLEC Bar Graders are ideal for grading soil and stoned areas quickly and easily.

The angle iron bars are positioned to carry out grading and earthmoving in the forward position. By simply removing the locking bar, the quick hitch frame can be positioned in reverse so the bars back blade and smooth the surface.



Model	1800	2400
Model Number	192.180.000	192.240.000
Tractor hp req	20-30	30-40
Working width cm (in)	180cm (71")	240cm (94")
Bar size mm (in)	50 x 75 x 8 (1 31/32 x 3 x 5/16")	50 x 75 x 8 (1 31/32 x 3 x 5/16")
Hitch frame	CAT 1/2	CAT 2
Weight kg (lb)	175kg (386lb)	193kg (425lb)
Dimensions WxLxH cm (in)	185 x 135 x 85 (73 x 53 x 33")	245 x 135 x 85 (96 x 53 x 33")

BOX SCRAPER

BLEC BOX SCRAPER



- Universal landscape implement
- All models equipped with front and rear blades for moving soil/ stones
- Adjustable ripping tines
- Easy to use and maintain
- Replaceable cutting blades
- Available in widths 1.5 and 1.8m
- Optional wheel kit for accurate grading

The BLEC Box Scrapers are a low cost, easy to use landscaping tools, ideal for cultivating, levelling and clearing – a must for the contractor. Adjustable ripping tines can be raised clear of the ground or set down to rip up the ground, the 'box' effect will allow soil to be dragged forward filling in any undulations, the reverse blade will backfill or back blade very effectively. An optional wheel kit permits accurate grading. Also ideal for grading stone/gravel roadways.



Optional swivel wheel kit.

Model	1500	1800
Model Number	192.150.008	192.180.008
Tractor hp req	18-30	20-50
Working width cm (in)	150cm (59")	180cm (71")
No of ripping tines	6	8
3 Point Linkage type	CAT 1/2	CAT 1/2
Cutting blades	Bolt on replaceable edges	
Weight kg (lb)	229kg (505lb)	384kg (847lb)
Dimensions WxLxH cm (in)	150 x 60 x 70 (59 x 24 x 28")	190 x 90 x 80 (75 x 35 x 31")
Options		
Swivel Wheel Kit	292.150.010	292.180.006

GRADER

BLEC GRADER



- Models for 3 wheel bunker rakes and compact tractors
- All towed models equipped with rear 4 wheel hydraulic raise and lower frame
- Dual grading standard
- Spool valves on prime mover control working height
- Grading to + or – 2mm

The range of BLEC Trailed Graders are manufactured to a high standard using quality materials for long life. All models have a 4 wheel frame - with each pair of wheels controlled by their own hydraulic cylinder for dual grading or all 4 wheels can be locked for single grading. For the accurate levelling of sports areas, ranging from golf tees to sportsfields.



Model	1500	1800
Model Number	192.150.002	192.180.004
Tractor hp req	30-60	40-60
Version	Towed 50mm (2") ring	Towed 50mm (2") ring
Working width cm (in)	150cm (59")	180cm (71")
No of ripping tines	6	8
Tractor hydraulics required	1 single/double free flow return	
Weight kg (lb)	315kg (694lb)	620kg (1367lb)
Dimensions WxLxH cm (in)	151 x 253 x 100 (59 x 100 x 39")	190 x 300 x 90 (75 x 118 x 35")

LASER GRADER

BLEC LASER GRADER



- Designed for tractors 18-150hp
- Dual grading system standard
- Quality Danfoss proportional valves as standard
- Accurate grading to + or – 3mm
- Adjustable heavy duty tines for loosening compacted ground.

The BLEC Laser Grader is designed for the contractor who demands a quality, strong and accurate grader to cope with demanding conditions. This model is fitted with twin Danfoss proportional valves and a rear 4 wheel frame, with each pair of wheels controlled independently for dual grading. The BLEC Laser Graders come complete with ripping tines. The grader is set up to accept any make of laser equipment.



Model	1500TPP	1500	1800	2400
Model Number	192.150.006	192.150.004	192.180.006	192.240.002
Tractor hp req (min-max)	Own 6.5 hp B&S Engine	18-30 hp	20-50 hp	50-150 hp
Working width cm (in)	150cm (59")	150cm (59")	180cm (71")	240cm (94")
No of ripping tines	N/A	6	8	7
Working depth of the ripping tines	N/A	0-75 mm (0-3")	0-75 mm (0-3")	0-75 mm (0-3")
Tyre size cm (in)	44 x 23 (17 x 9")	44 x 23 (17 x 9")	64 x 29 (25 x 11")	98 x 38 (39 x 15")
Valve type	Twin proportional Danfoss PVG16			
Tractor hydraulics req	N/A	1 single or double valve and free flow return to gearbox/tank		
Receiver pole masts	Single or dual pole option	Standard 2 mounted poles either side		
Mounting	Drawbar 50mm (2") ring			
Weight kg (lb)	400kg (882lb)	315kg (694lb)	683kg (1505lb)	1410kg (3108lb)
Dimensions WxLxH cm (in)	150 x 250 x 120 (59 x 98 x 47")	150 x 250 x 120 (59 x 98 x 47")	190 x 300 x 120 (75 x 118 x 47")	248x 470 x 120 (98 x 185 x 47")

CULTIPACK SEEDER

BLEC CULTIPACK SEEDER



- Well proven seeding method
- Accurate seeding system
- Highly manoeuvrable and easy to use
- Eliminates the problem of tyre marks as on tractor mounted seeders
- Seeding output of up to 5,000m² per hour

The BLEC Cultipack Seeder has a world renowned reputation for its well proven seeding system. The front notched ring rollers crush lumps, making small pockets in the soil, the seed is spread accurately across the full width of the machine – not drilled in lines, the rear set of rollers split the shallow ridges, covering up the seeds in the top 12mm of soil. Surface disturbance is kept to a minimum. A fast and effective way of seeding all areas, the low ground pressure exerted by the Cultipack Seeder makes it particularly effective on sensitive ground.



Model	Cultipack Seeder
Model Number	124.091.000
Power Unit	Honda
Working width cm (in)	91cm (36")
Seeding rates	3- 50gms per sq metre
Hopper capacity litres (gal)	55Ltr (12gal)
Working output m ² (sq yds)	5,000 per hour (5980 sq yds)
Cast rings	Front and rear
Weight Cultipack only	320kg (705lb)
Dimensions WxLxH cm (in) Cultipack only	110 x 100 x 70 (43 x 39 x 28")
Weight Cultipack & power unit	435kg (959lb)
Dimensions WxLxH cm (in) Cultipack & power unit	110 x 180 x 120 (43 x 71 x 47")
Options	
Honda power unit	224.091.000
Additional pneumatic wheel & tyre option for power unit	224.091.005
Kit for use with BCS 740 power unit	224.091.004

MULTI-SEEDER

BLEC MULTI-SEEDER



- Twin floating multi spike cast ring roller
- Producing 1890 holes per sq metre
- Accurate seed distribution for all seed types, with mixing bar
- High capacity seed hopper
- Drag brush with height adjustment
- Standard rear drag brush
- Standard weight frame
- Roller cleaning brushes
- Land driven seed metering wheel

The BLEC Multi-seeder is an ideal overseeder for working on both fine turf and amenity type areas. The floating twin spike rollers follow the contours, saturating the surface with small 'flower pot' holes ready to accept the seeds, which are spread accurately via the stainless steel metering sections adjustable from 0-50 gms per m². A drag brush sweeps the remaining seeds into the holes, and a rear smooth roller firms up the surface.



Model	1200	1600	2100
Model Number	124.120.002	124.160.004	124.210.004
Tractor hp req (min-max)	25-48	35-60	45-75
Working width cm (in)	120cm (47")	160cm (63")	210cm (83")
Working depth	5-20 mm (6/32-25/32in)		
Driving Speed	Up to 12 km/h (7.4mph)		
Adjustable seed rate	0 - 50gms m ²		
Hopper capacity litres (gal)	150 Ltr (33gal)	200 Ltr (44gal)	270 Ltr (59gal)
Max output per hour	14,400 m ² (17,222 sq yds)	19,200 m ² (22,963 sq yds)	25,200 m ² (30,139 sq yds)
Weight kg (lb)	619kg (1365lb)	750kg (1653lb)	922kg (2033lb)
Dimensions WxLxH cm (in)	151 x 132 x 94 (59 x 52 x 37")	168 x 132 x 94 (66 x 52 x 37")	244 x 132 x 94 (96 x 52 x 37")
Options			
Spiked Rear Roller	224.120.004	224.160.004	224.210.002
Ballast Weights 20kg (44lb)	6 x 492.502.800	14 x 492.502.800	22 x 492.502.800

TURF-SEEDER

BLEC TURF-SEEDER



- Well proven method of seeding
- Accurate seeding – adjustable 5-50gms/m²
- Stainless steel seed metering system
- Heavy duty 3 point linkage frame
- Spacer rings standard on all Turf-Seeder models to allow better germination of seeds
- Front rake tines to loosen soil

The BLEC Turf-Seeder are based on a proven method of seed incorporation. The front notched ring rollers crush lumps and level the soil to create a firm surface also producing small pockets in the soil, ready to accept the grass seed, which is spread the full width of the worked area (not drilled into lines). The rear set of rollers split the shallow ridges formed by the front rollers – incorporating the seeds evenly in the top 12mm soil, and surface disturbance is kept to a minimum.



Model	1800	2100	2400	3000
Model Number	124.180.000	124.210.002	124.240.002	124.305.002
Tractor hp req	30-65	40-70	50-90	60-100
Working width cm (in)	180cm (71")	210cm (83")	240cm (94")	300cm (118")
Working depth	5-20 mm (6/32-1/2")			
Speed	up to 12 km/h (7.4mph)			
Seed rates gms/m ²	0-50g/m ²			
Hopper capacity litres (gal)	235 (52gal)	265 (58gal)	300 (66gal)	400 (88gal)
Max output per hour	21,600 m ² (25,833 sq yds)	25,200 m ² (30,139 sq yds)	28,800 m ² (34,444 sq yds)	36,000 m ² (40,056 sq yds)
Cast notched ring dia cm (in)	28cm (11in) front 28cm (11") rear			40cm (15.7") front 28cm (11") rear
Weight kg (lb)	760kg (1675 lb)	850kg (1874lb)	950kg (2099lb)	1535 (3384lb)
Dimensions WxLxH cm (in)	216 x 106 x 104 (85 x 42 x 41")	247 x 106 x 104 (97 x 42 x 41")	276 x 106 x 104 (109 x 42 x 41")	350 x 170 x 113 (138 x 67 x 44")
Options				
Ballast Weights 20kg (44lb)	16 x 492.502.800	22 x 492.502.800	28 x 492.502.800	

MULTIVATOR

BLEC MULTIVATOR



- Close 10cm and / or 20cm blade spacing
- De-compacts, Recycles and Top Dresses
- Special carbide faced blades slit and lift soil
- Depth control via flat skid frame
- Drag brush incorporates soil into the surface
- Hook on rear attachment frame
- Optional blades for de-compacting only

The BLEC Multivator is a unique sportsturf renovation implement carrying out de-compacting and top dressing by recycling buried soil / root zone up to the surface and incorporating back into the root structure, saving time and money from importing materials. The specially designed blades lift the soil and leave any unwanted stones buried for a clean finish. A rear drag brush incorporates the soil dressing into the surface. The Multivator can also be used only as a rotary de-compactor by fitting the optional smooth blades – leaving a clean finish.

Model		180
Model Number		115.180.000
Tractor hp requirement		45-80
Working width cm		180 cm
Number of blades 20cm spacings		18
Number of blades 10cm spacings		36
Working depth cm		18 cm
Transmission	Single speed, heavy duty 540rpm gearbox c/w twin chain, side drive, liquid grease filled bath)	
Depth control	Adjustable 4 screw jack to wide flat skid plate	
Blade spacing mm	200mm and / or 100mm	
Blade thickness	8mm standard – 10mm optional	
Weight kg	765kg	
Dimensions WxLxH cm	230 x 100 x 110	
Options		
Hydraulic Top Link		298.000.000

All specifications subject to change

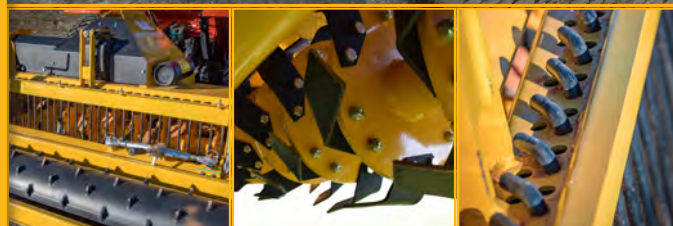
BLECAVATOR

BLECavator (Compact)



- Buries stones, debris and overgrowth
- Adjustable screening tines 14-56mm spacing
- Levels, rakes and rolls in one pass
- Pulverises clods into a fine tilth
- Packer roll leaves a firm surface
- Optional quick fit attachment Seed Hopper
- Designed for tractors 35-90hp
- Adjustable packer roller to eliminate ridges

The BLECavator compact series has been re-designed to work more efficiently. The well proven standard BLECavator is a one pass ground preparation tool, cultivating and digging down to between 10-18cm lifting and screening the stones and debris down to between 14-50mm through the adjustable screening tines - burying the stones and debris, raking the ground level and compacting the soil with the rear packer roller.



Model	145	180	210
Model Number	152.145.000	152.180.002	152.210.002
Tractor hp req	35-65	60-90	60-90
Working width cm (in)	150cm (59")	180cm (71")	210cm (83")
Working depth	100 - 180mm (4 - 7")		
Number of Disks	9	11	13
No of blades	54	66	78
Rear roll	Packer type roller with scraper		
Weight kg (lb)	652kg (1437lb)	770kg (1698lb)	838kg (1847lb)
Weight kg (with optional seed hopper)	688kg (1517lb)	800kg (1764lb)	877kg (1933lb)
Dimensions WxLxH cm (in)	190 x 150 x 110 (75 x 59 x 43")	220 x 150 x 110 (87 x 59 x 43")	250 x 150 x 110 (98 x 59 x 43")
Options			
Hydraulic top link	298.000.000		
Seed Hopper	252.145.000	252.180.004	252.210.000

BLECAVATOR

BLECavator (Heavy Duty)



- Buries stones, debris and overgrowth
- Designed for 100-160hp tractors
- Side gear drive (no chains to break)
- Adjustable screening tines 14-52mm spacing
- Lift up rear screen for easy access to change blades
- Large dia and extra wide packer roller to eliminate ridges
- Machine comes with three speed 1000 rpm gearbox

The BLECavator heavy duty series are all equipped with a long life drive system, and side gear drive (no chains), larger diameter screening tines, easily adjustable to achieve screening sizes of 14mm-20mm-40mm-52mm, and a curved rotor hood made from 6mm steel for strength and durability, adjustable levelling blade for accurate grading and rear packer roller, ballastable with water for firming up the surface.



Model	BV250HD	BV300HD
Model Number	152.250.000	152.300.000
Tractor hp req	100-150	120-160
Working width cm (in)	255cm (100")	305cm (118")
Working depth	up to 200mm (8")	
Number of Disks	14	16
No of blades	56	64
Rear roll	Packer type roller with scraper	
Weight kg (lb)	1970kg (4343lb)	2234kg (4925lb)
Dimensions WxLxH cm (in)	310 x 200 x 140 (122 x 79 x 55")	360 x 200 x 140 (142 x 79 x 55")
Options		
Hydraulic top link	298.000.000	
Seed Hopper	Bespoke build only	
540rpm Gearbox	Bespoke build only	

RAKE

BLEC POWER BOX RAKE (BCS two wheel tractor)



- Cultivates, earth moves, grades and rakes in one pass
- Long life carbide tooth rotor
- Rotor pulverises the soil and separates the stones / debris
- Castor wheels for accurate depth control
- Fold down side plates for soil / stone moving as standard
- Bi-angling rotor for windrowing debris
- Adjustable barrier blade

The BLEC Power Box Rake is a multi-use quick fit attachment to suit the BCS 2 wheel tractor. The powerful contra rotating carbide tooth rotor can penetrate hard ground producing up to 75mm of soil pulverising, levelling and grading. The bi-angling rotor allows stones and debris to be windrowed to the side and by folding down the side end plates excess material can be easily collected up into a pile.

Model		80
Model Number		152.080.000
Working width cm (in)		80cm (31")
Power Req.		8-14 hp
Rotor Angling		Manual – bi-angling
Max working depth		0-75 mm (0-3")
Rotor Teeth		Long life carbide
Transmission	Shaft drive to heavy duty gearbox to side chain drive	
Depth Control	Adjustable screw jack castor wheels and tyres with long life bearings	
Weight BCS only		100kg (220lb)
Dimensions WxLxH cm (in) PBR 80		100 x 70 x 71 (39 x 28 x 28")
Weight PBR 80 & BCS		192kg (423lb)
Dimensions WxLxH cm (in) PBR 80 & BCS		100 x 195 x 135 (39 x 77 x 53")
Options		
BCS740 Power Unit		224.091.002

BLEC POWER BOX RAKES (Tractor & Loader Mounted)



- Long life pointed carbide toothed rotor
- Rotor pulverises the soil and separates the stones / debris
- End plates allow PBR to bulk move soil / debris
- Hydraulic angling rotor rakes and windrows material
- Rear adjustable castor wheels gives accurate depth control
- Lift up rear frame
- Optional laser levelling kit

The tractor mounted BLEC Power Box Rake is the perfect landscape construction tool for carrying out cultivating, earth moving, grading and raking. At the heart of the unit is a carbide pointed tooth rotor which contra rotates, pulverising and separating the debris from the soil, leaving a clean raked finish. The hydraulic bi-angling rotor windrows unwanted stones and debris and by folding down the side plates all the raked material can be gathered up.



Model	150H	180	240
Model Number	152.150.00	152.180.000	152.240.000
Engine/Tractor hp req	Avant Loader or similar	Tractor 30-70	Tractor 55-75
Working rotor width cm (in)	150cm (59")	180cm (71")	240cm (94")
Rotor Bi-angling	Double acting hydraulic valve		
Max working depth	50-100 mm (2-4")		
Rotor teeth	Carbide		
Depth control	Rear castor wheels		
Drive system	Hydraulic motor	PTO Gearbox 540rpm	
Min hydraulic oil flow req	55 litres (12gal) per minute	n/a	
Weight kg (lb)	437kg (963lb)	540kg (1191lb)	680kg (1499lb)
Dimensions WxLxH cm (in)	173 x 160 x 100 (68 x 63 x 39")	210 x 150 x 120 (83 x 59 x 47")	260 x 190 x 120 (102 x 75 x 47")
Options			
Laser Preparation Kit	N/A	252.180.008	252.240.000

ROTOR-RAKE

BLEC ROTOR-RAKE



- Large diameter rotor for heavy working
- Optional spring tine or long tine rotors
- Duplex chain drive with overload clutch
- Special wide angle pto shaft drive
- Optional laser guided depth control

The BLEC Rotor Rake is available with either the multi-tine fine tooth rotor for raking stones off down to 20mm size or the alternative bolt on long tine for deeper raking down to 10cm and removing stones from 25mm and larger. The rake is fitted with a hydraulic bi-angling rotor with duplex chain drive, overload clutch and heavy duty gearboxes. The working principle is simple but effective – a contra rotating rotor fitted with high grade teeth positioned in a spiral sequence forking out unwanted stones and debris to the front and by angling the rotor all debris is moved to the side, leaving a clean raked finish. The Rotor Rake is popular for 'cleaning' during the renovation of hybrid surfaces.



Model		3000
Model Number		152.300.002
Tractor hp required (min-max)		65-100 with double acting valve needed
Working width cm (in)		300cm (118")
Rotor system		Fixed solid tines
Bi Angling		Hydraulic
Max work output per hour		12,000 m ² (14352 sq yds)
Max working depth mm (in)		50mm (2")
Raked stone size down to mm (in)		20mm (25/32")
Weight kg (lb)		1200kg (2646lb)
Dimensions WxLxH cm (in)		320 x 205 x 130 (126 x 81 x 51")
Options		
Laser guided preparation kit		252.300.004
Sping Tine Rotor		252.300.000



Redexim has a policy of continuous improvement for all its products to meet the needs of customers. Specifications and illustrations in this catalogue may therefore differ from equipment supplied.



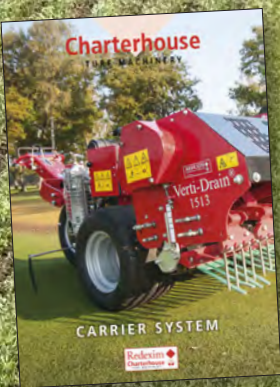
To see the entire range of equipment download the latest copies of our brochures from www.charterhouse-tm.co.uk

Follow the latest developments on



We pride ourselves that in conjunction with our local dealers we can provide an after sales service that is second to none.

Both Charterhouse and our dealer network are readily available to offer friendly, knowledgeable advice for choosing the correct tine or spare part required.



BLEC



A division of the Redexim Group



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

Redexim North America
427 W Outer Road
Valley Park MO 63088
Phone: 636.825.8300
redexim@aol.com
Fax: 636.825.8302

Charterhouse Turf Machinery Ltd
9 Weydown Road Ind Est, Haslemere,
Surrey GU27 1DW
Phone: +44 (0)1428 661222
Fax: +44 (0)1428 661218
sales@charterhouse-tm.co.uk
www.charterhouse-tm.co.uk
f @ctmTURF

Redexim Australia & New Zealand
PO Box 1064
Gwelup 6018
Phone: +61419310546
Lukrys@bigpond.net.au
Fax: +61894480558

Charterhouse Turf Machinery Ltd trading as BLEC, is a wholly owned subsidiary of Redexim BV, Holland www.redexim.com