

INNOVATIVE TURF CARE SOLUTIONS

**FOR INNOVATIVE AND PROFESSIONAL
TURFCARE HORTICULTURISTS THAT KNOW
WHAT THEY NEED AND WHAT WORKS BEST**



IN HARMONY WITH NATURE

ELIET[®]



ELIET®

World-renowned Belgian manufacturer Eliet produce an extensive range of innovative machines designed for the landscaping and turf care professional.

Their comprehensive range of high-quality turf care machinery are made with precision engineering ensuring simple yet highly effective solutions with maximum performance for your turf care renovation requirements.

WHY IS TURF RENOVATION REQUIRED?

All turf and lawns suffer the consequences of ageing and as the years go by, grass plants die and species disappear, reducing the density of the grass growth.

As a result, more and more unwanted species including weeds and thatch can become established. Undertaking regular maintenance of the turf sward with the appropriate process will help produce a first-class vibrant lawn.

TURF CARE IS MUCH MORE THAN MOWING

Our range of turf maintenance machinery offers robust hard-wearing solutions for all stages of lawn renovation including:

Turf Removal
Seeding
Overseeding
Scarifying
Lawn Edging



SCARIFIERS

A scarifier, often referred to as a 'dethatcher', is designed to cut through the top surface of the soil, helping to remove dead moss and other debris like grass cuttings. The cutting action of the blades also helps to aerate the soil, improving the health of the lawn and extending its life.

The effectiveness of the operation is determined by the design and longevity of the scarifying blades hidden underneath the machine; this is where Eliet makes the difference!

THE IMPORTANCE OF SHARP BLADES

During dethatching work blades must grip, rake up and raise the layer of thatch and moss from underneath your lawn. The point of the blade plays a crucial role. Many blades lose their edge after a few hours, thus losing their ability to remove thatch, to compensate for this users tend to set the blades to penetrate deeper. This has many drawbacks; dull blades not only fail to cut, they also bring up large quantities of soil, with the resultant damage to the rooting zone and increased wear on the machine.

PERMANENTLY SHARP BLADES

All Eliet scarifiers are equipped as standard with Permanently Sharp Blades™. The blades are self-sharpening so retain their sharp cutting edge during their entire working life. The unique ELIET knives have a 100-hour knife life.



new knife



after 30 hrs...



after 60 hrs...



after 90 hrs...

BLADE CHOICE

FIXED BLADES



Securely mounted on the rotor these heavy-duty blades are 3mm thick, which means they can take a knock or two. Blades are spaced at 2cm intervals and have two sharp cutting edges. Ideally suited for virtually any lawn.

LOOSE BLADES



Each blade mount holds two retracting knives so can cope with lawns with gravel, small stones or roots, areas less suited to fixed knives. Each knife features a nylon-coated eyelet which pivots around a steel rotor.

DOUBLE CUT BLADES



Spirally mounted on the rotor, the 1.5mm thick blades are mounted at closer intervals giving double the number of knives over the effective width. Recommended for professional sports turf and high-quality lawn applications.

FEATURES OF AN ELIET SCARIFIER:

**DOUBLE CUT BLADES
IDEAL FOR FINE TURF**



**ELIET
E401**



**ELIET
E501**

Working width from 400mm – 750mm

Almost indestructible due to rugged construction

Very easy to operate and manoeuvre

Permanently Sharp Blades™ (100 hours)



ELIET E450



**ELIET
E750**

ELIET C550 COLLECTOR

The C550 Collector is a self-propelled scarifier that collects the moss into narrow rows which offers up to 50% time-saving compared to conventional scarifiers. The double-cut Permanently Sharp Blades™ are self-sharpening and never lose their grip.



The above-average working width of 55cm enables greater working speed and thanks to the propulsion, a constant work rhythm can be maintained at a speed of 2.5 km/hr guaranteeing efficiency. The blades turn in the opposite direction of the driving direction which enables them to grab the felt layer more easily and throw it on top of the turf. The efficiency of dethatching can be increased by 30%.



ELIET E600 COMPACTOR

The E600 Compactor offers an all-in-one solution. This scarifier not only removes the moss and thatch from the lawn, it also collects and then compacts it in a collector unit - all in the same process. Combining these two steps into one can make a time saving of up to 50%.



The 44 double-cut blades throw the moss onto a transport system of powered rollers. Any soil raked up passes through the rollers and falls back onto the ground. Before landing in the collector unit, the moss gets squeezed and compacted between two counter-rotating rollers, allowing the operator to cover a larger surface before the unit needs emptying.



TECHNICAL INFORMATION

	E401	E450	E501	C550	E600	E750
Operating Width	400mm	450mm	500mm	550mm	592mm	750mm
Engine Selection	4.0HP Honda GP160 4.0HP Honda GX120	5.5HP Honda GX160	6.5HP Honda GP200 6.5HP Honda GX200	6.5HP Honda GX200	9.0HP Honda GX270	9.0HP Honda GX270
Blade Options	FB	FB, DCB	FB, LB, DCB	DCB	DCB	FB, LB, DCB
Collecting Bag	60 L	Optional			95 L	
Dimensions (LxWxH)	900 x 550 x 940mm	1100 x 600 x 1050mm	1200 x 740 x 1000mm	1230 x 730 x 1050mm	1250 x 750 x 900mm	1300 x 910 x 1050mm
Weight	40kg	51kg	63kg	95kg	135kg	80kg

Also available 'E401 Eco' with Briggs & Stratton engine suitable for domestic use. Excludes Permanently Sharp Blades™ and grass bag with reduced specification.

SEEDERS

Eliet seeders are a trustworthy partner in the sowing of new turf. They are easy to manoeuvre, easy to operate and provide a first class finish. The GZC 750 and GZC 1000 lawn seeders offer professionals the chance to have various operations combined in one machine and thus effortlessly sow complex lawns quickly and at a high standard ensuring a substantial saving of time and money.

WHEN TO SOW?

The ideal time of the year to sow grass is autumn (September-October) as at this time of year, the average precipitation and temperature are optimal for grass growth and seed germinates quickly and evenly due to the longer humid and warm nights. There is also less chance that the grass will become overgrown with weeds. Grass can however also be sown between April and May with the advantage of faster results.

OPERATING PRINCIPLE

SEED PREPARATION

1 CRUMBLING

The front crumble rollers carry most of the machine's weight. These meshed rollers partly flatten the soil and crumble large clods.

2 FINE TILLAGE OF THE TOP LAYER

The finer the soil structure of the seedbed, the better the habitat of the grass seeds and the faster the germination process is triggered. The teeth till the top layer with intense vibrating movements and break up clods to produce a very fine soil structure.

3 GROUND LEVELLING

As the teeth move quickly through the top layer, any small bumps on the surface are scraped off and hollows are filled with part of the moved earth. In this way the structural irregularities are levelled out and smoothed away.

4 ROLLING

The machine-wide rear roller then finishes off the levelling work carried out by the vibrating harrow by firming the loosened soil again.



SOWING

1 LEVELLING

In the second process the front rollers enhance the preliminary levelling work.

2 SOWING

The hopper is then placed in the machine to scatter the seeds according to the set flow rate. The guide plate, along which the seeds slide down, provides a low free fall height. The scatter zone is located between the front roller and the vibrating harrow.

3 COVERING THE GRASS SEED

The vibrating harrow now evenly distributes the scattered seed over the working width so that the sowing lines are broken up. The most important action here is to ensure that the seeds are covered with a thin layer of soil so that they are protected from the wind and the sight of birds.

4 FINISHING

The rear crumble roller presses the soil just enough to safely cover the sown grass seed and to leave the soil airy enough to quickly absorb moisture after rain.

LAYING TURF

The GZC is also convenient for preparing sites where a lawn is to be laid with turf. After the turf is laid it can be rolled with the GZC for a faster bonding of roots with soil.



TECHNICAL INFORMATION

	GZC750	GZC1000
Operating width	720mm	1,040mm
Motor	Honda GX200 (Hydrostatic drive)	Honda GX270 (Hydrostatic drive)
Performance	6.5hp	9hp
Weight	385kg	415kg
Harrow (number of teeth)	13	21
Seed collector	61 litre	93litre
Dimensions (LxWxH)	1990 x 820 x 1140mm	1990 x 1140 x 1140mm

OVERSEEDER

THE TURF REJUVENATION SOLUTION

The purpose of overseeding is to sow grass seed on existing turf, which after germination serves to increase the density of the grass plants which reduces the ageing process or natural decline of the turf.

The role of an overseeder is to sow the seed into the most optimal environment to maximise the chances of germination. To do this, Eliet have developed and patented a revolutionary seed distribution system, the Helix Seed Duct™ which successfully conveys seed in a very compact area across the full width of the machine, injecting it accurately into the seedbed using air pressure.

With the Eliet Overseeder, you can renovate tired and thin turf in no time at all by adding new grass to your existing lawn. This inexpensive alternative to full turf re-laying can take place quickly and guarantees a visible result in less than a month. Additionally the treated turf will be available for normal use immediately after overseeding.

ELIET DZC 600

**NOW WITH
TUNGSTEN
TIP
BLADES**



6 CONSECUTIVE OPERATIONS

1 CUTTING OPEN THE SOIL

The cutting blades at the front of the machine cut open 8 mm (0,3") deep grooves in the soil in preparation for the grass seed.

2 REMOVAL OF EXCESS SOIL

The blades rotate over the top and cast the soil in an arch to the rear of the machine so that it does not fall into the newly cut grooves.

3 PRECISION SOWING

A clever and compact seed distribution system, Helix Seed Duct™, carries the seed under the projected excess soil into small funnels leading to discharge channels precisely located above the clean grooves.

4 INJECTION

A small air pressure generator blows air through the seed funnels so the seed is blown while it is being distributed. This helps the seed to settle faster and with more precision in the grooves.

5 ROLLING

The powered rubber roller immediately follows the seed distribution process and ensures that there is good contact between the soil and the seeds by pressing the earth down.

6 COVERING THE SEED

The flow of projected excess earth falls just behind the roller on the sown area. The earth covers the seedbed and provides a protective layer for the seed, increasing the chances of germination and growth.



TECHNICAL INFORMATION

Engine	Honda GX270
Power	9hp
Blade type	Tungsten Tip
Number of blades	57
Rotor	∅ 260 mm (10")
Operating width	550 mm (22")
Operating depth	Recommended 8 mm (0,3")
Groove spacing	22 mm (0,87")

Seed transportation	Helix Seed Duct™
Volume of seed container	70 L
Seed flow	15 – 45 gr/m ²
Drive speed	2.0 km/u
Roller	∅ 100 mm rubberised
Dimensions (L x B x H)	1550x 760x 1020 mm (61"x30"x40")
Weight	155 kg

TURF CUTTER

For major turf renovation that requires complete reconstruction, it is essential to remove old turf. By removing a thin top layer, you not only remove weathered grass plants, but also any overgrowth of weeds, moss and other parasites.

The ELIET Turfaway 600's unique concept allows you to accurately cut a thin 60cm wide layer of turf and the unique construction ensures a stable machine with optimum soil grip and the efficient tracks provide increased traction and maximum comfort for the operator.

TURF AWAY 600



1. OPTIMUM GRIP

Turf should preferably be loosened when the soil is damp. The tracks provide a greater contact surface on the soil, which provides maximum grip and better traction.

2. OPTIMUM MANOEUVRABILITY

The propulsion of the tracks is hydrostatic and the speed of each track can be adjusted so that the machine takes corners smoothly and can even turn on its axis.

3. OPTIMUM OPERATING COMFORT

The clutch for traction and blade propulsion is operated with the left hand while the right hand is free to steer the machine via the centrally located joystick. The handlebar has vibration dampers for additional operator comfort.

4. OPTIMUM CUTTING

To be able to cut thin and attached turf, the cutter is placed behind the tracks. When it is being loosened, the turf can move freely and will no longer be pressed down by the machine. The working depth can be adjusted quickly and easily with one handle.

5. OPTIMUM YIELD

With its 60 cm-wide cutter, the Turfaway has the largest standard working width on the self-propelled turf cutter market. The grip the tracks provide ensures that the machine keeps delivering its yield under all circumstances.

TECHNICAL INFORMATION

Engine size	6.5HP Honda GX200 (Hydrostatic drive)
Working width	600mm
Width of tracks	100mm
Steering	Joystick
Driving speed	-4 km/u < 0 > +4km/u
Noise capacity Lw(A)	95 dB(A)
Weight	195kg
Dimensions (LxWxH)	145 x 62 x 99cm

LAWN EDGERS

A lawn looks at its best when the edges have also been neatly cut and the quality with which the lawn edge is finished affects the appearance of the entire lawn.

The range of lawn edgers from Eliet make light work of edging thanks to their robust blades and heavy duty build quality and are suitable for straight or curved edges and are without doubt the lawn edgers of choice for the professional user.



SAFETY

The ELIET edge cutter truly excels in safety. Half of the rotating blade is securely enclosed by a crescent-shaped safety guard. This protects you against any stones that are thrown up.



FEATURING THE LARGEST CUTTING BLADE ON THE MARKET

Eliet Lawn Edgers feature a 300mm blade, the largest cutting blade on the market (except KS 240 model).

This offers a number of benefits: greater active working depth, cleaner cut via higher blade speed as well as 20% longer blade life.

THE BEST IN ERGONOMICS

There are seven possible positions for the handlebar, allowing the operator to adjust the handle bar to the ideal height and give plenty of leg room. In addition, the soft rubber grip offers vibration free handle operation.

EDGE STYLER

The Eliet Edge Styler is perfect creating straight edges or wind beds and is extremely manoeuvrable.

The edger is propelled by its two wheels giving better sideways movement. The third rear wheel swivels so it does not negatively impact the manoeuvrability yet provide increased comfort of operation.



TECHNICAL INFORMATION

	KS 300 PRO	KS 300 PRO HD (Heavy Use)	EDGE STYLER PRO
Blade	Ø 300mm / 50 SiCr ⁷	Ø 300mm / 50 SiCr ⁷	3mm Steel
Blade Speed	2550 rpm	2550 rpm	1000 cycl./min
Engine Selection	4.0HP Honda GX120	5.5HP Honda GX160	4.0HP Honda GX120
Depth Adjuster	Max. 110mm (2cm increments)	Max. 110mm (1cm increments)	Depending on blade type
Angle Adjuster	0° / 25° / 45°	0° / 25° / 45°	
Cutting Head	Standard	Reinforced - larger blade bearings and housing	
Dimensions (LxWxH)	1250 x 460 x 900mm	1250 x 460 x 900mm	1250 x 540 x 915mm
Weight	37kg	37kg	92kg

Also available KS 240 suitable for domestic use with reduced specification.

INNOVATIVE TURF CARE SOLUTIONS

For more information, a working demonstration, product reviews and videos or to order your Eliet products contact

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