SUPER PROF SHREDDER

ELIET®

WHY OPT FOR THE ELIET SUPER PROF?

MAXIMUM FLEXIBILITY AND TIME SAVINGS

The machine shreds wood as well as large volumes of green waste. The material does not have to be sorted beforehand. You drive the self-driving shredder to the location where you want to perform the shredding, which means that you don't lose any time supplying or removing materials.

OPERATING RELIABILITY GUARANTEED

5.000 satisfied customers from 30 countries have confirmed the reputation of this highly successful machine with its robust build based on a simple, well-thought-out design with patented low-maintenance technology.

MINIMUM MANAGEMENT COSTS

The machine was developed from a low-maintenance perspective, so that checks and maintenance don't become time-consuming and dreaded activities. The Super Prof's internal management system helps to comply with your schedule. Regular maintenance keeps high repair costs at bay.

The blade system is insensitive to foreign objects and its maintenance is simple and self-manageable. Only a limited number of parts are subject to wear, and in addition, the machine has a high resale value as a second-hand item, which is an added bonus for its ROI.

MAXIMUM YIELD

The Eliet patented shredding system uses the weakness of the wood and therefore requires little motor capacity. The compact machine with its broad feeder also allows shredding branches of up to 13 cm thick as bundles of voluminous waste. Cutting waste does not have to be sorted prior to shredding. Branches don't require cutting before processing them in the machine. It all makes for huge time savings.

The ABM system ensures that the engine always operates at maximum capacity and that fuel consumption never exceeds 3 litres per hour. The optional ECO EYE™ system lowers fuel consumption in passive operation mode, yielding another considerable saving. And finally the machine reduces your company's ecological footprint.

MODERN DESIGN

As far as ELIET is concerned, beautiful design and functional efficiency are strongly interrelated. Anyone looking at the sturdy appearance of this machine will agree that the shredder power of the new Super Prof can hardly be constrained.

ECL
ELIET CREATIVE LAB

WASTE BECOMES FOOD

In addition, Eliet has always been an avid supporter of the Braungart & McDonough's 'Cradle to Cradle' philosophy, which argues that waste should be turned into food. Applied to the garden, this means that it is useful to recycle shredded waste into a basic product that makes its way back into the garden as food for vegetation in the shape of compost. This is a double win for any garden contractor: the chipping allows you to make an extra paid contribution to the garden, and at the same time you get rid of the waste by using it in the garden as a soil improver. In time, this makes for a healthier garden, and that adds to your reputation as a garden specialist.

cradletocradle

20 YEARS OF EXPERTISE AT YOUR SERVICE

For Eliet this new Super Prof is not just a new shredder unit. It is the rebirth of an iconic machine. In 1994, Super Prof was ELIET's very first professional shredder unit, as well as the world's first self-driving shredder. It also marked the introduction of ABM (Anti Block Motor) and got Eliet its first innovation award... The Super Prof embodied Eliet's vision on green waste processing. But now, more than ever before, the new Super Prof marks the start of a whole new generation of Super Prof Eliet shredders. It is a declaration of intent! While keeping its original DNA, the new machine is more comfortable, more efficient and more environmentally friendly; it has added robustness and is smarter, safer and easier to maintain.

2015 Launch of the new generation ELIET Super Prof, the shredder of the future.

2000 Following the introduction of new CE standards and several related changes to the original machine the new ELIET Super Prof 2000 is born.

The new shredder is the synthesis of 20 years of experience, the result of feedback from more than 5.000 users, and the passion of a team and a family. The new Super Prof is made especially for you, for your future, your comfort, your profit and for the preservation of nature.

MADE *in* BELGIUM

DE GOUDEN AAR
AGRIBEX '94

1994 The launch of the Eliet Super Prof. The first self-driving shredder receives the Golden Spike Innovation Award at Agribex in Brussels.

1998 The launch of the ELIET Super Prof Cross Country, the first shredder on tracks.

ELIET SUPER PROF
WORKING PRINCIPLE

VIEW THE OPERATING PRINCIPLE OF THE SUPER PROF AT WWW.ELIET.EU

ELIET CHOPPING PRINCIPLE™,LET THE WOOD DO THE WORK

Eliet has developed and patented a unique shredder system: the Chopping Principle™. Just like an axe, the blades chop the wood according to the direction of the fibres. The green waste is processed into small chips in a cycle of splitting and cutting. The result is quick-composting chips.

The best thing about the ELIET Chopping Principle™ is its low power usage for its wood cutting performance. Cutting wood is easier in the direction of the fibres and our shredder system eagerly puts this feature to use. As a result Eliet shredders derive better performance from smaller engine capacity. This results in lower consumption and less noise and allows us to make ELIET shredders more compact and lighter.

CHOPPING *principle* ™

QUICKLY DEGRADING BIOTECH™ CHIPS

The blade system makes 48.000 chopping motions per minute and also cuts all leafy and wet green waste without any problems, giving the resulting ELIET BioTech™ chips a favourable fibre structure which is broken down faster. After shredding, you immediately get a good and airy mixture with the correct level of humidity. That is how BioTech™ chips contribute to a better composting system.

Bio-TECH Chips

ELIET AXELERO™

The quickly rotating Axelero™ system creates suction power that in turn creates an air stream through the machine. This creates a suction effect in the feeder hopper, which simplifies the actual feeding. The suction also works on the openings in the calibration sieve, preventing blockage and increasing the shredding yield. The continuous cleaning effect brought about by the air stream prevents any blocking dangers in the chute. The low noise Axelero™ system is effective for any type of green waste, regardless of its humidity, and ensures that the Super Prof can be used the whole year round.

AXELERO™

ELIET SUPER PROF | CHIP REMOVAL

ELIET AXELERO™ , ACCELERATING THE DISCHARGE

The key innovation element on the latest Super Prof is the standard integrated air-blown chippings removal. In the previous model, chips simply fell to the ground from the mouth of the machine. In the new machine, the chips are blown out through a rotatable pipe at a height of 2 m - 8ft. For garden professionals the Super Prof has the reputation of being capable of processing almost any kind of green waste. Building on that reputation, Eliet developed the Axelero™ discharge system for the new generation Super Prof. The wood and green waste chips keep rotating in the chipping chamber until they are small enough to be discharged through the holes in the calibration sieve. They then fall into a second chamber, which is equipped with the Axelero™ system. This especially shaped wheel collects the chips along the width of the outlet and through a combination of air movement and high expulsion power, catapults them out of the machine via the chute.

BLOW CHUTE

The Super Prof blow chute is a fine example of engineering. Its shape prevents turbulence and the design of the curve was based on the optimal trajectory of the flying chips. As a result the machine has phenomenal propelling capacity. The choice for synthetics as the material for the blow chute was a very deliberate one: it is seamless, corrosion resistant, perfectly smooth and sound absorbing. Its low air resistance makes the chute less inclined to clog. The blow chute has a discharge height of 2 m - 8ft and a rotation span of 300°.

DIVERTERS

A true innovation in its market segment is the introduction of a dual diverter system. After selecting and setting the expulsion curve, the two diverter parts ensure that the chipping stream follows a flowing line. This keeps the stream in a bundle and allows for better targeting of the discharge location. The stream can also be directed so that the chips are discharged to the side of the machine. The diverter setting system is a stepless one.

COLLAPSIBLE BLOW CHUTE

The blow-out level of the Super Prof is at 2 m - 8 ft. An important asset, as it allows you to blow the chips from any possible location to where you want to deposit them. To make sure that the height does not pose a problem for transport, the chute can be collapsed onto the machine and clamped in place. Its height is thus reduced to 1.45 m – 4.75 ft.

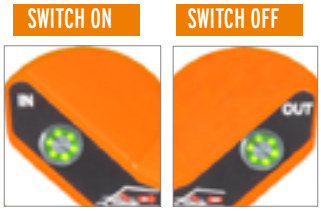
PROJECT LEADER DANY BRUNIN - ELIET CREATIVE LAB™

FEED HOPPER

The feed opening was made wide on purpose, but without compromising the machine's compactness. The feed hopper has become considerably larger mainly at the top. This makes for a larger feeding plateau, allowing the operator to place the green waste quicker and have both hands free to manipulate the waste. The special shape of the hopper walls pushes the waste towards the 45 cm (17") wide central bottom of the hopper. This flat bottom does not get any narrower towards the feed roller – a feature highly appreciated by professionals when they are feeding branches with many twigs or voluminous cutting waste.

SIMPLE FEEDING

"Simplicity is the ultimate sophistication" (Leonardo Da Vinci). To ensure simple and intuitive control, the operating mechanism of the feed roller was separated clearly and visually. Push buttons within reach allow for selecting feed/reverse feed. Integrated LED lights in the button highlight the selection. One push of the emergency stop handle or one of the buttons will neutralise the selection and immediately stop the feed roller. This ultimate operating simplicity is a guaranteed time saver.



MORE FEEDING VOLUME

We also enlarged the diameter of the Super Prof's hydraulic feed roller to 150 mm (6"). This helps it to lift itself onto thick branches more easily. In the past 20 years the Super Prof has made a name as a true green waste processor. Hedge cuttings, ivy, spruce, conifers, plant residues, straw, leaf foliage, cuttings with thorns and spines ... they're on the machine's menu practically every day. To further increase the Super Prof's appetite the feed opening was enlarged from 12 to 13 cm. The bigger feed opening translates into additional yield.

DANY BRUNIN - LEADER OF SUPER PROF DESIGN PROJECT

"The yield of a shredder is largely defined by the speed of its feeder unit. In the development phase much time has been invested in creating the right shape and ergonomics of the feeder hopper. Ease of use was a focal point, as was a maximum safety guarantee. Compared to its predecessor the feeder opening of the new machine has been enlarged by 30%. The proportions of the opening and height were calculated mathematically based on European anthropometric data. The result is a feeder inlet that respects the ergonomics of the operator while feeding; that does not hinder liberty of movement, takes into account the legal standards and increases the feeder speed of voluminous cutting waste and loose branches alike.

The purpose behind the design was simplicity and clarity of operation. State-of-the-art power-on and LED technology was used to allow the operator to always visualise the rotating direction of the feed roller without having to actually see it rotating. This again allows him to better plan the supply and feeding of the green waste. It also helps to better seal off the feed roller and the projection zone, which guarantees higher safety. From the very start it was our intention to build a class A modern Super Prof that fully meets the expectations of today's garden professional."

SAFE FEEDER

The Axelero™ system provides a suction effect in the feeder opening. This helps to prevent chips from flying against the air stream and back into the feed hopper. Still, an anti-projection shield has also been installed for the operator's safety. This shield has two purposes: the steel upper side provides sturdiness and shape. The bottom is made from rubber elements that easily adapt to the shape of the fed waste and prevent openings from being created in the shield.

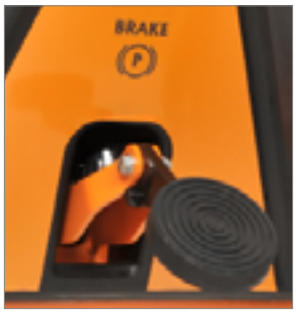
ADJUSTABLE ANTI-PROJECTION FLAP

The Axelero™ system creates a suction effect inside the feeder hopper. This ensures that lighter parts of the supplied waste are also suctioned towards the feed roller and the cutters. Especially during autumn, this is a convenient feature when shredding large amounts of leaves. To prevent the anti-projection flap from obstructing the suction, it can be adjusted. The height of the opening can be easily set under the flap.

ELIET SUPER PROF | PROPERTIES

WHEEL DRIVE - SD

Building on the success of the first self-driving shredder ever (in 1994), including the self-driving feature in this new Super Prof was almost evident. After all: today's garden professionals can hardly imagine their task without the comfort of a shredder that can ride to the workspot on its own. Therefore the wheels of the new Super Prof were equipped with a powerful wheel motor. The speed forward or in reverse is controlled with a simple movement from the pulse via a rotating handle on the handlebar. The more the handle is rotated forwards or backwards, the faster the machine moves in that direction. The wheel drive is so powerful that it takes only one man to load or unload the machine from a van or a trailer.



PARKING BRAKE

The parking brake ensures the stability of the machine while it is in operation. It also allows you to safely transport the pride of your machine fleet on a trailer. The parking brake is foot-controlled and also acts as an emergency brake in descents.

ANCHOR POINTS

To ensure fast transportation of the Super Prof, it is easily loaded in a van or trailer. The 4 corners of the machine have secure anchor points, so the attachment of the machine to the vehicle is both stable and meets all regulatory requirements.

RELIABLE POWER SOURCE

After twenty years of successful collaboration, for the new generation Super Prof machines, Eliet fully relies on the two-cylinder Vanguard engines of Briggs&Stratton. This reliable power source has provided ample proof of being indestructible and also boasts very low fuel consumption. Advanced air cooling combined with modern OHV technology results in optimised performance. The internal forced lubrication with exchangeable filter minimises any wear of the moving parts and guarantees best performance of the engine even under extreme circumstances. Operating reliability is guaranteed through a 3 year Vanguard factory warranty.

ABM SYSTEM

As a standard each Super Prof is equipped with ABM. This ingenious system adjusts the input speed fully by itself. A sensor carefully checks each change in the engine rotation speed. If the engine suddenly has to sharply cut back, the ABM electronics will correct this by temporarily interrupting the feedroller. So when overloading threatens, the ABM system stops the wood input until the engine is back to its maximum capacity. This way no branch can put the ELIET shredder off balance. As the machine is self-regulating while shredding the wood, the operator can continue working without having to keep an eye on the machine.

FUEL TANK

The volume of the Super Prof gas tank has been increased to 18 litres(almost 5 gal.), providing enough fuel for an entire working day. The large filler opening is optimally placed to allow refuelling without the use of a funnel. A level indication allows the operator to check when refuelling is required.

OIL

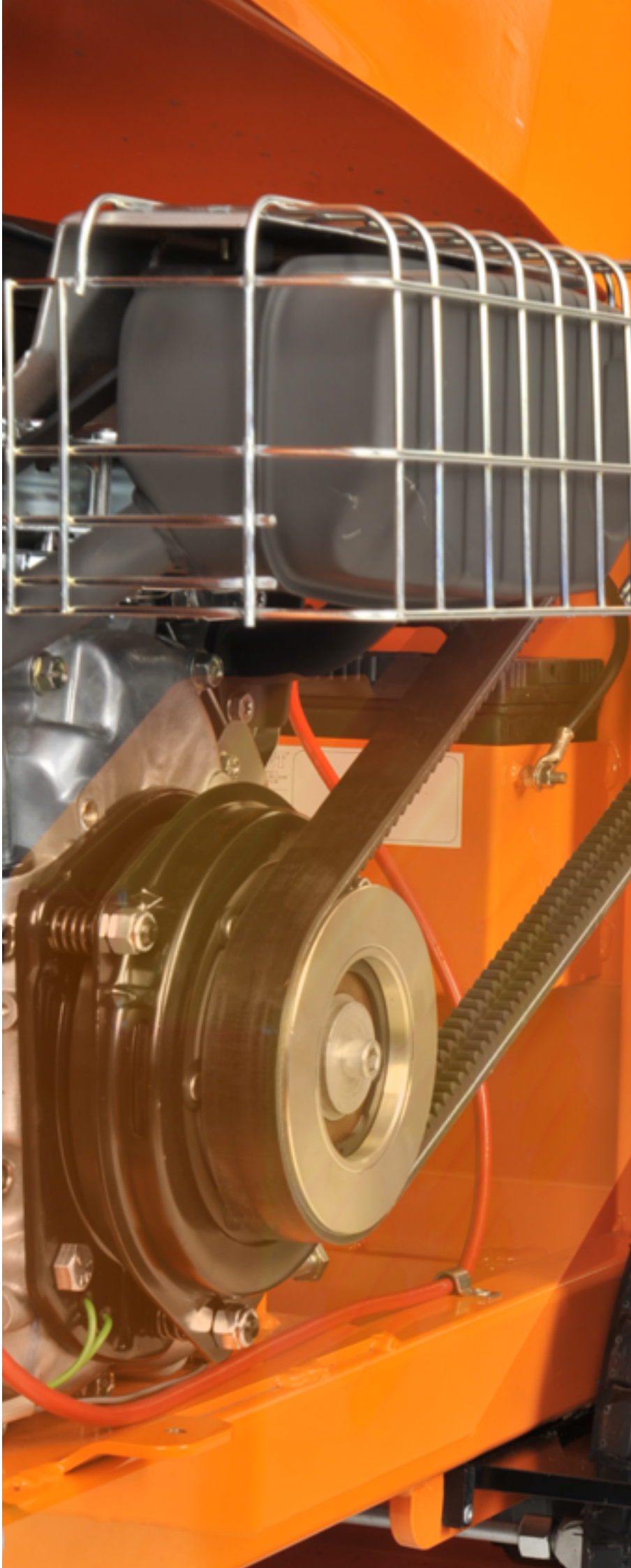
The larger tank means an additional 25% of oil, providing for a lower operating temperature and better hydraulic performance. Periodic maintenance of the hydraulic system is now done faster thanks to the simple exchangeable filter cartridge.

DRIVE

In the new Super Prof the engine was deliberately placed further back in the chassis. This allows for a shorter belt, making it run in a more stable manner under heavy load. Because the main belt also had to transmit the power for the blade shaft drive and the Axelero™ system, Eliet opted for a 2V power belt. These ingredients should make for a problem-free drive.

ELECTROMAGNETIC COUPLING

Eliet highly values safety. To ensure safety during transport, Eliet equipped the Super Prof with a coupling that can switch off the blade axis drive and the Axelero™ system. This minimises the risk of 'flying' chips. The electromagnetic coupling is activated via the 'Action' button on the dashboard. The advantage of the coupling is that the engine can be started from idle mode, which extends the life of the motor. Activating any of the safety switches will uncouple the drive immediately. An integrated brake will send the blade system to a quick halt. Safety is thus guaranteed in any situation.



ELIET SUPER PROF | PROPERTIES

FULL CONTROL

All the features of the machine are grouped in a well-organised dashboard at the front of the machine. The large LCD screen stands out at the centre between the ignition key and the choke valve. It is via the LCD screen that the Super Prof communicates with its operator. Besides showing useful machine features, it tells the operator when maintenance is due. Below the display is the machine's most essential button: the 'ACTION' button. With one push of the button, the shredder beast comes to life. This electronic control of the coupling engages the blade system and the Axelero™, and ensures that the feed roller can be activated. Other features include the throttle lever, or if you opted for the ECO EYE™ option (see page 16), the associated additional control buttons. From the operator's position at the feed hopper, the garden professional has full control over his shredder unit, with all features within visual range and manual reach.

INTELLIGENT MACHINE

In the Super Prof, technology is at the service of its operator. For instance: the shredder is equipped with a microprocessor that registers a few of the machine's parameters during operation. Based thereon, the machine communicates intelligently with its operator: as soon as the power is on, the Super Prof wishes his operator a good day. The display shows the date and time – a watch is no longer required. The total number of the machine's operating hours is kept updated, as well as the number of actual shredder hours. As soon as the engine starts to run, the rpm comes up as well. If maintenance is required the machine will keep displaying reminders until the operator indicates that it has been carried out. In this way the Super Prof helps to manage engine and machine maintenance. Garden professionals who need to know the exact duration of a certain shredder job have the option of switching on the 'job timer'. This separate counter can be reset to zero after the job. Errors will be indicated on the screen and help the operator to diagnose and solve the problem without wasting time.


ELIET

MAINTENANCE-FRIENDLY

Besides great performance, the shredder should also guarantee an excellent operating record. In their role as managers, garden professionals seek to maximise their time spent on their customers. Consequently, machine maintenance is often a necessary evil. Eliet takes this into account in its designs and aims at creating the most user-friendly and maintenance-friendly machines possible.

WITHOUT TOOLS

The blade system of the Super Prof is accessible in less than 30 seconds without using any tools. Checking out wearing parts is very easy without burden. The regular maintenance can be done accurate and fast. In this way, collateral damage due to excessive wear can be avoided. Topping up blades can be done by any skilled gardener by simply using an angular grinder. For this sharpening, disassembling the blades is not required. Furthermore the machine consists of only 3 greasing points so maintenance mainly limits to engine servicing. It is clear that the operational cost from the Super Prof is to be ignored.

RESIST™ BLADES

The manner of cutting according to the chopping principle™ (see page 3) does not overload the blades and limits possible wear. Sand, stones and other foreign objects will leave marks on the blades but hardly affect their cutting effectiveness. The alloy and surface hardening of ELIET Resist™ blades provide the right balance between toughness and hardness, resulting in high wear resistance, yet allowing for grinding. The blades are reversible and have an operating time of more than 200 hours.

STABLE WHEELBASE

The new Super Prof was built with a 6 cm (2.5") longer wheelbase for optimum weight distribution. As the market leader in self-driving shredders, ELIET knows fully well that stability is essential for safety in unpaved areas. With barely 437 kg (963 lbs) in own weight, the ground pressure is limited to no more than 0,7 kg/cm^2. The width of the wheelbase was deliberately kept at 83 cm (33") to allow access through narrow passages.

SIEVE

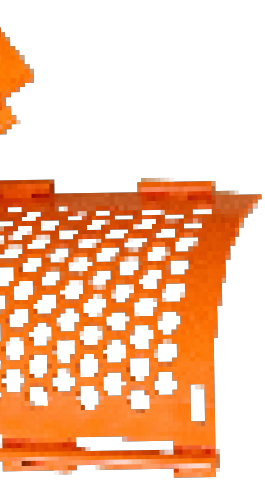
The aim of chipping is to convert useless green waste into a reusable product and create added value in the process. The chip size often determines its application options. In the Super Prof, this is a controllable feature. The calibration sieve allows for the operator to control how long the chips remain in the shredding chamber, hence to which degree they will be cut up. Sieves with varying mesh sizes are sold separately as an accessory. The new Super Prof has a dual calibration sieve, which allows for combining sieve parts with various mesh sizes and hence refining the calibration. A special sieve for humid produce is available for shredding wet green waste only.

Sieve honey comb 30 mm lower part | MA 029 001 007
Sieve honey comb 30 mm upper part | MA 029 001 008

Sieve honey comb 35 mm lower part | MA 029 001 009
Sieve honey comb 35 mm upper part | MA 029 001 010

Sieve wet material | MA 029 001 011

Palm fronds grating | MA 029 001 013



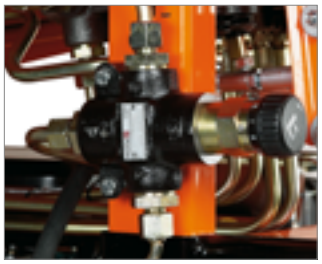
ECO EYE SYSTEM™, IN HARMONY WITH NATURE

Global warming, greenhouse emissions, energy saving... Everybody talks about it, but who actually does something about it? 'If everyone sweeps the street in front of their door, the entire street will be clean!' Based on this logic Eliet feels that shredders can make their own contribution to limiting polluting emissions. In 2005 ELIET developed the ECO EYE™ system. It switches the machine's engine to stationary when it is not in use. Not only does this decrease emissions and fuel consumption, it also reduces the machine's noise levels. Eliet was awarded two innovation prizes for its ECO EYE™ invention. The Super Prof became an icon because its self-driving shredder principle made a radical change in the work method of thousands of professional gardeners. The new generation Super Prof seeks to build on that exemplary position by making garden professionals aware of the fact that environmentally-friendly work methods can yield considerable savings. For this reason the Super Prof can optionally be equipped with ECO EYE™ technology. While analysing the engine's behaviour the electronic system can recognise whether or not the machine is shredding effectively. If that is not the case, it makes no sense to have the engine perform at full capacity and the ECO EYE™ system will automatically reduce the power to stationary. An infrared eye guards the feeding zone of the feed hopper. As soon as any motion is detected there the system increases the engine's power back to full speed in less than a second to allow the operator to resume shredding at full speed. The Eliet ECO EYE™ system works totally autonomously; saving on fuel consumption does not require any effort from the operator! The environment and the residents in the immediate area of the operating zone also benefit from the reduced emissions and sound levels. The dashboard sports a push button to activate the EcoEye™ system. In these machines the mechanical throttle lever was substituted for electric operation.

SPEED CONTROL

The feed roller operates at a constant speed and feeds all kinds of green waste into the shredder chamber. Each type of material obviously requires a different handling method and a different feeding speed. It all depends on wood type, thickness, humidity and volume of the green waste. For this reason the Super Prof can be equipped with hydraulic speed control, which allows for manual adjustment of the feeding speed from level 1 to level 10.

Art. nr. MA 029 001 003



AGRICULTURAL TYRES

Gardeners who also work on rougher terrain may find that the standard lawn tyres don't quite cut it in terms of grip. For this specific use Eliet has farm tyres available as a separate option.

Art. nr. MA 029 001 002

BLOW BASKET

Discharging chips through a blow chute offers many advantages, which is why it was introduced on the Super Prof. It is not equally useful if one wants to dispose of the chips close to the machine. The excess air pressure blows the chips into the air, creating additional cleaning work. To solve this problem Eliet developed a blow basket that can be attached to the blow chute in no time. The basket collects the chips and a funnel directs the chips to the ground. The excess air pressure can escape through the textile mesh and ensures that the chips are deposited in a dedicated area, for instance in a wheel barrow.

Art. nr. MA 029 001 006

LIFTING HOOK

Accessibility is key with the Super Prof. Despite its compact shape, access to a site can be so narrow or complex that conventional access might not be possible. ELIET can provide you with two lifting hooks, so the machine can be moved to the site by crane. You always have the possibility to have the lifting hooks added later.

Art. nr. MA 029 001 004

ELIET SUPER PROF ON ROAD

Although the concept of a self-driving shredder offers an ideal solution for many garden contractors, for another large group of gardeners the extra flexibility does not imply added value because they have a different work area. For this particular target group Eliet developed an 'ON ROAD'-on trailer model of the Super Prof on a chassis for quick transportation purposes. Here, the shredder is fixed onto a galvanized and spring loaded trailer. Other than that, the Super Prof ON ROAD has the same properties and features as the self-driving model. The trailer does not add any disadvantages in terms of maintenance either. The total weight of the trailer is only 495 kg (1091 lbs.) and therefore does not pose any special requirements for the towing vehicle. A nyone possessing a car driver's licence can transport the machine. Once detached from the vehicle, the shredder's excellent weight distribution makes it easily movable by hand also. The trailer is approved for traffic and equipped with all the required features in terms of lights, draw bar, etc.

SUPER PROF CROSS COUNTRY

The absolute top in mobility is a self-driving shredder on a caterpillar base on tracks. In 1998 Eliet was the first company in the world to manufacture a green waste shredder on tracks. What was a totally innovating concept for the industry, was for Eliet no more than evident and a logical follow-up in the philosophy of the self-driving shredder launched 4 years earlier.
That first waste shredder on tracks was also a Super Prof model and it was named Cross Country. The name clearly points to the additional benefits of a machine on tracks. Otherwise hard-to-reach places such as railway banks, woods, plantations and vineyards now become accessible for a shredder. Caterpillar tracks also prove highly effective on hilly countryside with plenty of slopes. Despite the impressive set of tracks, the weight of the Cross Country is still quite limited. As a result the ground pressure is very low , which means that the caterpillar tracked shredder can also be used on a lawn without any risk of doing damage. Operating the track drive is just as simple as the wheel based Super Prof. The only difference is that on the Cross Country, two handles on the handlebar allow for individual control of each track separate caterpillar. Making the track rotate in opposite directions will turn the machine around its axis. This high manoeuvrability offers the opportunity to get into hard-to-reach places and simultaneously yields enormous time savings.

For every proud owner of a Super Prof these last twenty years looking to exchange his model for the newest generation, ELIET has developed the Super Prof MAX. As the name suggest, this MAX is a Super Prof at its best: to add some punch to this shredder and to exceed expectations, 25% extra power has been added to the machine in the shape of a 23 horsepower Vanguard engine. To mute the volume of this extra horsepower, the machine has been equipped with a silent exhaust. For this development, the ELIET design team cooperated with the Danish exhaust specialist Dinex. To stay in line with its environmentally friendly characteristics, ELIET has chosen to supply all Super Prof MAX models with the ECO EYE™ system. The fuel savings, realised through the environmentally friendly technology, more than compensate for the additional consumption of the larger engine.

To absorb the extra power, the Super Prof MAX is equipped with ELIET RESIST™/10 blades. This powerhouse only weighs a few kilos more than the regular Super Prof model. This means it is still manoeuvrable and easily transported. The Super Prof MAX is available with wheel drive, as a Cross Country model with caterpillar drive and in an ON ROAD version on an undercarriage for fast transportation on the road.

THE SUPER PROF MAX IS AVAILABLE IN 3 DIFFERENT VERSIONS:

SUPER PROF MAX

SUPER PROF MAX

SELF- PROPELLED ON TRACKS

SUPER PROF MAX

ON A TRAILER

TECHNICAL SPECIFICATIONS ELIET SUPER PROF | MAX

	SUPER PROF | MAX	SUPER PROF CROSS COUNTRY | MAX	SUPER PROF ON ROAD | MAX
Engine selection	18 HP B&S Vanguard V-Twin | **23 PS**	18 HP B&S Vanguard V-Twin | **23 PS**	18 HP B&S Vanguard V-Twin | **23 PS**
Engine start system	electrical	electrical	electrical
Type	gasoline	gasoline	gasoline
Number of cylinders	2	2	2
Cylinder capacity (cc)	570 | **627**	570 | **627**	570 | **627**
Power kW/PK DIN (t/min)	13,4 / 18 (3200) | **17,2 (3200)**	13,4 / 18 (3200) | **17,2 (3200)**	13,4 / 18 (3200) | **17,2 (3200)**
Max. torque (Nm/t/min)	39,3 (3200) | **45,5 (3200)**	39,3 (3200) | **45,5 (3200)**	39,3 (3200) | **45,5 (3200)**
Cooling	air cooled	air cooled	air cooled
Capacity of the fuel tank	3,,96 gallons | 18 L	3,96 gallons | 18 L	3,96 gallons | 18 L
Capacity	max. Ø 5,2" | 130 mm	max. Ø 5,2" | 130 mm	max. Ø 5,2" | 130 mm
Capacity	6 m^3 chips/hour	6 m^3 chips/hour	6 m^3 chips/hour
Number of knives	6 disks, 24 Eliet RESIST™/8 | **RESIST™10**	6 disks, 24 Eliet RESIST™/8 | **RESIST™10**	6 disks, 24 Eliet RESIST™/8 | **RESIST™10**
Shredding technology	Eliet Chopping principle™	Eliet Chopping principle™	Eliet Chopping principle™
Cutting frequency	48.000 chopping movements/min	48.000 chopping movements/min	48.000 chopping movements/min
Cutting width	19,2" | 480 mm	19,2" | 480 mm	19,2" | 480 mm
Transmission (rotor)	V-belt type XPA 2120 x2 Powerband	V-belt type XPA 2120 x2 Powerband	V-belt type XPA 2120 x2 Powerband
Coupling	elektromagnetic + brake	elektromagnetic + brake	elektromagnetic + brake
Infeed support	hydraulic infeed roller Ø 6,24" | 156 mm / height 5,2" | 130 mm	hydraulic infeed roller Ø 6,24" | 156 mm / height 5,2" | 130 mm	hydraulic infeed roller Ø 6,24" | 156 mm / height 5,2" | 130 mm
Hydraulic oil tank	2,86 gallons | 13 L	2,86 gallons | 13 L	2,86 gallons | 13 L
Battery	12V	12V	12V
Power control	Eliet ABM (Anti Blocking system)	Eliet ABM (Anti Blocking system)	Eliet ABM (Anti Blocking system)
Ergonomic and safe infeed height	infeed height: 40" | 1000mm infeed opening: 20" x 28" | 500mm x 700mm	infeed height: 40" | 1000mm infeed opening: 20" x 28" | 500mm x 700mm	infeed height: 40" | 1000mm infeed opening: 20" x 28" | 500mm x 700mm
	steel + rubber anti-projection shield	steel + rubber anti-projection shield	steel + rubber anti-projection shield
output system	calibrating sieve with openings 1x1" | 25x25mm / Axelero™ Ø 12" | 30cm	calibrating sieve with openings 1x1" | 25x25mm / Axelero™ Ø 12" | 30cm	calibrating sieve with openings 1x1" | 25x25mm / Axelero™ Ø 12" | 30cm
	blowtube 80" | 2m /blowdistance 1,64 feet◇49 feet | 0,5m ◇ 15m	blowtube 80" | 2m /blowdistance 1,64 feet◇49 feet | 0,5m ◇ 15m	blowtube 80" | 2m /blowdistance 1,64 feet◇49 feet | 0,5m ◇ 15m
	300° rotating blowpipe / 2 directional blowing valves	300° rotating blowpipe / 2 directional blowing valves	300° rotating blowpipe / 2 directional blowing valves
	foldable blowpipe (height 58" | 1450 mm)	foldable blowpipe (height 58" | 1450 mm)	foldable blowpipe (height 58" | 1450 mm)
Design (LxWxH)	80" x 83" x 58" | 2000 x 835 x 1450 mm / low gravity	80" x 83" x 58" | 2000 x 835 x 1450 mm / low gravity	80" x 83" x 58" | 2000 x 835 x 1450 mm / low gravity
Chassis	welded steel 0,12" & 0,16" | 3 & 4 mm / Epoxy powdercoating	welded steel 0,12" & 0,16" | 3 & 4 mm / Epoxy powdercoating	welded steel 0,12" & 0,16" | 3 & 4 mm / Epoxy powdercoating
Noise level Lw(A)	116 dB (A)	116 dB (A)	116 dB (A)
Wheel drive	2 x hydraulic wheel motors (100 cc)	2 x hydraulic wheel motors (250 cc)	-
Trailer	-	-	yes, B: 60" |1500 mm L: 120" |3000 mm
Wheels	front 4.00 - 4 pneumatic tire / back: 6.00 x 9 pneumatic tire	tracks 70,2" x 28,08" x 14,43" | 180 x 72 x 37 cm	-
	progressive driving speed		
Weight	965,77 pounds | 437 kg | **441 kg**	1109,42 pounds | 502 kg | **506 kg**	1093,95 pounds | 495 kg | **499 kg**
Comfort	operation of infeed roller with buttons	operation of infeed roller with buttons	operation of infeed roller with buttons
	infeed tunnel does not narrow to infeed roller	infeed tunnel does not narrow to infeed roller	infeed tunnel does not narrow to infeed roller
Standard equipment	hour meter, tachometer, maintenance alert, jobtimer, error diagnosis	hour meter, tachometer, maintenance alert, jobtimer, error diagnosis	hour meter, tachometer, maintenance alert, jobtimer, error diagnosis
	oil-alarm, parking brake	oil-alarm, parking brake	oil-alarm, parking brake
Eco EyeTM	option | **STANDARD WITH SUPER PROF MAX**	option | **STANDARD WITH SUPER PROF MAX**	option | **STANDARD WITH SUPER PROF MAX**

OPTIONS

Feedroller speed governor
Agricultural tires
Chips catcher
Lights 2x55W
Sieve for moist material
Lifting hook
Parking brake
Special grating (honeycomb holes 30mm) buttom part
Special grating (honeycomb holes 30mm) upper part
Special grating (honeycomb holes 35mm) buttom part
Special grating (honeycomb holes 35mm) upper part
Multi purpose grating for wet greenwaste
Kit bearing protecting shells for fibrous material
Palm fonds grating

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