



PREDATOR
power





ABOUT US

In 2003, Predator designed and built its first ever Stump Grinder, following on from its success in the woodchipper industry. The Predator 50 is a concept created with the sole purpose of building a big, powerful, fifty horse power Stump Grinder that would fit through a small, thirty inch narrow UK gateway.

This was and continues to be somewhat revolutionary as back then, all machines were big and belt-driven and struggled to access around half our back yards. Ours, however was a narrow, powerful hydraulic machine that set the bar for the decade to come. The Predator 50 was quickly followed by the Predator 26, a twenty eight horse power, variable width, tracked machine that's just twenty six inches wide and can cut a four and a half foot swing at a depth of eighteen inches!

The range has continued to grow over the years together with our client base and we're now at the forefront of Stump Grinding innovation in the UK. In 2012, having enjoyed fantastic success across the UK with our best-selling model ever, the Predator 38, we decided to test the US market with a view to launching stateside. We took a small booth at the 2012 Baltimore TCIA show and were completely overwhelmed by the interest. We were able to showcase our US Patented Stump Grinding technology to great success, selling our show machine straight from the booth and taking several more orders there and then. We're now on a drive to recruit dealers throughout the US.

The Predator range of machinery is both extremely popular and of very **high performance** with **rugged durability** and **high reliability**.

PREDATOR 350

The Predator 350 is a great "small" machine. It's narrow, powerful and portable and comes with two engine options, a **Kohler 14HP** or **Honda 13HP**. These options are designed to meet the needs of our equipment rental customers who are quite often service agents for one or the other engine manufacturers. There are convenient lift points and a clever fold-over handle to allow you to fit this machine in any sized van or truck with ease.

Like all of our machines, the Predator 350 comes as standard with the US patented Multi-Tip cutter wheel which, just like the rest of our models, has two leading teeth, each with four cutter tips that can be changed in under a minute. This combination allows you to get maximum performance from a smaller machine and really makes the job easier.

At under 26 inches wide with an impressive cutting depth of 10 inches and a weight of only 275 pounds, you can get this machine anywhere.

The Predator 350 is superbly built with a perfectly balanced, low, centre of gravity. This is designed to make grinding with the Predator 350 easier. This machine is perfect for the smaller Tree Surgeon, Landscaper or Rental Company.



Technical Specifications UK	
Engine	Kohler 14hp
Length	1300mm
Width	650mm
Height	1200mm
Weight	136kg
Fuel	Petrol 7.3L
Cutting Depth	225mm
Cutting Height	200mm
Swing	n/a
Wheel	350mm MT
Teeth	4 x Multi Tip
Start	Pull

Technical Specifications USA	
Engine	Kohler 14hp
Length	51"
Width	26"
Height	47"
Weight	300lb
Fuel	Gas 1.8 Gal
Cutting Depth	9"
Cutting Height	10"
Swing	n/a
Wheel	14" MT
Teeth	4 x Multi Tip
Start	Pull

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PREDATOR 450

Whether you're a professional, full-time stump cutter or an Arborist grinding out the stumps you generate yourself, the Predator 450 is a machine that will work for you, day in, day out. The Predator 450 has been sold in the UK for over ten years and during this period, has evolved to become one of the most durable and reliable machines available. It's constructed from top quality materials with a heavy duty, well built feel and performs exceptionally well, thanks to the powerful Kohler engine and large Multi-Tip wheel.

We use an easy to control, hydrostatic drive to take the effort out of operating this machine with an easily accessible pin to dis-engage the gearbox, should you wish to move it around without engine power. With a convenient, handle bar mounted switch to engage the electric clutch and our unique brake, the wheel stops in seconds, helping to make this machine one of the safest and user friendly around.

Narrow, Powerful, Refined and Reliable. The cutting depth of the Predator 450 is a comfortable 12 inches, the width a mere 29.5 inches and the weight just 500 pounds, all of which combine to make this machine a delight to use.



PREDATOR 28X

For many companies, the only Stump Grinder they need is the Predator 28X, a 28 HP diesel machine that does it all. Fitted with a bulletproof Lombardini engine, in true Predator style, it will go just about anywhere. It has variable width tracks that will pull in to 26" from 39 and is stable regardless of track width. It can climb steps, work on slopes and is perfectly balanced when hoisted from it's single, central lifting eye.

The control console swings out to either side and has two track levers, a swing lever, a variable width lever and another for up and down. This machine will grind up to a height of 32 inches with it's 6 X Multi-Tip cutter wheel and can tackle anything.

The whole body moves on a central bearing giving you not only a swing of four and a half feet but in addition the ability to track a large machine around tight, narrow corners, perfect for city and small domestic environments. We use a low maintenance, V-belt drive train that puts down every inch of power straight where you need it, below ground, and with a cutting depth of 18 inches, this really gets the job done.

Whether you're using this machine on a large commercial site or a tiny back yard, it will make for an easy, efficient job.



Technical Specifications UK	
Engine	Kohler 25hp
Length	2200mm
Width	750mm
Height	1150mm
Weight	230kg
Fuel	Petrol 16L
Cutting Depth	300mm
Cutting Height	500mm
Slew	n/a
Wheel	470mm MT
Teeth	6 x Multi Tip
Start	Electric

Technical Specifications USA	
Engine	Kohler 25hp
Length	87"
Width	30"
Height	45"
Weight	507lb
Fuel	Gas 4.2 Gal
Cutting Depth	12"
Cutting Height	20"
Swing	n/a
Wheel	18.5" MT
Teeth	6 x Multi Tip
Start	Electric

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Technical Specifications UK	
Engine	Lombardini 28hp
Length	2440mm
Width	670 - 1000mm
Height	1500mm
Weight	1000kg
Fuel	Diesel 20L
Cutting Depth	380mm
Cutting Height	800mm
Slew	n/a
Wheel	480mm MT
Teeth	6 x Multi Tip
Start	Electric

Technical Specifications USA	
Engine	Lombardini 28hp
Length	96"
Width	26" - 39"
Height	60"
Weight	2200lb
Fuel	Diesel 5.3 Gal
Cutting Depth	18"
Cutting Height	30"
Swing	54"
Wheel	19" MT
Teeth	6 x Multi Tip
Start	Electric

LOMBARDINI
DIESEL



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PREDATOR 28RX

The Predator 28RX. Can it get better?

Building on a design born from necessity and refined over ten years of production, this machine is the best it can be. We've taken the hugely popular Predator 28 and fitted it with the most versatile radio control system on the market. This system, the Scanreco G2B, ticks every box. It's fully proportional, shock resistant, vibration resistant and perfect for the daily demands of the Arborist and Contractor.

All components are resin-incased making it infinitely reliable and resistant to dust and rain. Looking similar to the Predator 28X, the rear control station is replaced by a cabinet containing the business end of the system. In here, you'll also find a set of manual controls.

Crucially, the vital statistics are the same as the 28X. The Predator 28RX will get through a 26 inch gap. It'll track up to 4 MPH. It'll creep around the tightest corners. It'll tackle rough terrain. It's happy to work on gradients. It'll dig down to 18 inches with a four and a half foot swing and above all else, it'll get the job done quickly, efficiently and reliably, every time.



PREDATOR 38X

Britain's best selling Stump Cutter of 2012. The Predator 38X combines industry-leading design with raw, American brute power. With the latest, 38 horse power Kohler gas engine, this machine grinds with a near unimaginable pace for such a compact unit.

The big machine in a small package. The Predator 38X has the specifications of a large grinder - 54 inch swing, 18 inch cutting depth, 30 inch cutting height and 38 horse power yet it will fit through a 2ft 2 gateway, making it the narrowest machine available in it's class. The as-standard Multi-Tip system also makes for easy work with a guaranteed 25% minimum efficiency increase over standard finger teeth.

Narrow access has been a requirement in the UK for many years. These days, backed up by our sales, it's becoming a requirement in the USA too, especially in towns and cities. Popular with city authorities and Arborist alike, the Predator 38X is as good on street trees as it is in tight back yards.

When grinding, the debris spray is very limited making operations safe and post-job clean up quick and easy. Designed to meet ever toughening regulations in Europe, the noise levels are extremely low and thanks to the refined Kohler engine, vibration is minimal too. These machines are low maintenance, smooth pieces of kit, designed to work hard, look good and get the job done, day in, day out.



Technical Specifications UK

Engine	Lombardini 28hp
Length	2440mm
Width	670 - 1000mm
Height	1500mm
Weight	1000kg
Fuel	Diesel 20L
Cutting Depth	380mm
Cutting Height	800mm
Slew	n/a
Wheel	480mm MT
Teeth	6 x Multi Tip
Start	Electric

Technical Specifications USA

Engine	Lombardini 28hp
Length	96"
Width	26" - 39"
Height	60"
Weight	2200lb
Fuel	Diesel 5.3 Gal
Cutting Depth	18"
Cutting Height	30"
Swing	54"
Wheel	19" MT
Teeth	6 x Multi Tip
Start	Electric



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Radio Control
option available

Technical Specifications UK

Engine	Kohler 38hp
Length	2400mm
Width	670 - 1000mm
Height	1500mm
Weight	997kg
Fuel	Petrol 17L
Cutting Depth	450mm
Cutting Height	1524mm
Slew	1140mm
Wheel	482mm MT
Teeth	6 x Multi Tip
Start	Electric

Technical Specifications USA

Engine	Kohler 38hp
Length	96"
Width	26" - 39"
Height	60"
Weight	2200lb
Fuel	Gas 4.5 Gal
Cutting Depth	18"
Cutting Height	60"
Swing	54
Wheel	19" MT
Teeth	6 x Multi Tip
Start	Electric



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PREDATOR 38RX

Looking for a large, high-performance Stump Cutter to undertake your commercial commitments and another to do your private work?

Why not buy one machine for all jobs? Building on the hugely popular manual version, the Predator 38X, the Predator 38RX is the ultimate in refinement. Smooth, powerful and reliable, it's the same great, American powered machine but radio controlled. What are the benefits of a radio control? Why spend the extra money?

The radio control system used in our machines allows excellent visibility and improved operator safety and positioning. You can grind a stump without having to stand at the back of the machine. Vibration levels are zero. Control is absolute. The sophisticated controller with a range of 400 yards cannot be interfered with by other units, operates on it's own unique frequency and is programmed to shut the machine down if interference occurs.

The controls are fully proportional and as accurate as a lever. They're fully programmable - if you have a rental fleet and you want everything slowed down, no problem, it's a simple task using the supplied programming cable.

Most of all, you're buying into the same concept as our other models, the "big machine, small package" theory. We lead the market with this machine, the specs speak for themselves. A cutting depth of 18 inches, a swing of 54 inches and a cutting height of 30, coupled with a width of just 26" and 38 horse power, check it out...



PREDATOR 50RX

The Predator 50RX is without doubt the most versatile Stump Grinder about. It is the only large, 50 HP machine on the market that can get in anywhere.

It's variable width track base travels from 31 inches to 47 at the touch of a button, allowing a big machine to fit through a gateway narrower than three feet with ease.

As standard, a high performance, incredibly compact, powerful and great looking radio controlled Stump Grinder but just as easily with our rear PTO, a Dozer, Tow Vehicle, Mulcher, Flail or Powerpack, anywhere you want.

We use the fully proportional, highly accurate and incredibly reliable Scanreco G2B radio control system. This is commonly found on cranes, it allows the operator to have the feel and control of a hydraulic lever, whilst having the flexibility and vision of a remote operator.

Whatever your requirements, a machine that can cut effortlessly to a depth of fifteen inches with a swing of sixty, fit through such a narrow gap, doesn't have a belt or clutch in sight, looks as good and works as well as the Predator 50RX has got to be worth checking out....



Technical Specifications UK	
Engine	Kohler 38hp
Length	2400mm
Width	670 - 1000mm
Height	1500mm
Weight	997kg
Fuel	Petrol 17L
Cutting Depth	450mm
Cutting Height	1524mm
Slew	1140mm
Wheel	482mm MT
Teeth	6 x Multi Tip
Start	Electric

Technical Specifications USA	
Engine	Kohler 38hp
Length	96"
Width	26" - 39"
Height	60"
Weight	2200lb
Fuel	Gas 4.5 Gal
Cutting Depth	18"
Cutting Height	60"
Swing	54
Wheel	19" MT
Teeth	6 x Multi Tip
Start	Electric

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Radio Control
option available

Technical Specifications UK	
Engine	Hatz 50hp
Length	2740mm
Width	780mm
Height	1450mm
Weight	1500kg
Fuel	Diesel / 30L
Cutting Depth	380mm
Cutting Height	600mm
Slew	1500mm
Wheel	560mm MT
Teeth	8 x Multi Tip
Start	Electric

Technical Specifications USA	
Engine	Hatz 50hp
Length	108"
Width	31" - 46"
Height	57"
Weight	3300lb
Fuel	Diesel / 8 Gal
Cutting Depth	15"
Cutting Height	24"
Swing	22
Wheel	22" MT
Teeth	8 x Multi Tip
Start	Electric



Radio Control
option available



PREDATOR 65RX

The Predator 65 RX is our largest machine. With a powerful, air-cooled Hatz Silent Pack diesel and a 30 inch Multi-Tip wheel, this machine achieves an incredible cutting depth of 27 inches, a swing of 69 inches coupled with a fantastic cutting speed, yet, as you'd expect from a Predator, it will still fit through a 35 inch gateway.

With the same, fully hydraulic approach as the Predator 50 and the versatility that comes with the same range of attachments such as the Dozer Blade, Tow Ball and Flail/Mulcher suitable for mounting to the rear, you get a serious tool for a reasonable price. This machine incorporates an auxiliary hydraulic service as standard when ordered with an attachment.

The Predator 65RX is equally comfortable on large-scale site clearances or small stumps in back yards. The low ground pressure tracks combined with a weight of just 4400 lbs make it easily maneuverable and suitable for all applications.

It is extremely well balanced for lifting, fitted with four perfectly spaced lifting eyes. As does our Predator 50RX, the Predator 65RX is supplied with the extremely accurate, fully proportional Scanreco G2B radio control system allowing perfect control in any environment, just as a hydraulic lever would.



PREDATOR FZ500H



The Predator FZ500H is an excavator attachment designed to run off your excavator's hydraulic circuit.

Ideal for machines from 3 tons and above. If you have a 50 litre per minute or 13 US gallon flow and pressure up to 250 BAR, you'll get the most out of this machine. For those whose machines do not quite provide this, we make the fantastic engine versions below.

Fitted with the same 6 X Multi-Tip wheel as the Predator 28 & 38 machines.

Technical Specifications	
Engine	Hydraulic
Length	880mm
Width	765mm
Height	1000mm
Weight	170kg
Fuel	No
Cutting Depth	Limited only by excavator
Cutting Height	Limited only by excavator
Slew	Limited only by excavator
Wheel	482mm MT
Teeth	6 x Multi Tip
Start	Hydraulic Lever In Cab

Technical Specifications UK	
Engine	Hatz 65hp
Length	3200mm
Width	890 / 1180mm
Height	1450mm
Weight	2000kg
Fuel	Diesel 30L
Cutting Depth	680mm
Cutting Height	600mm
Slew	1750
Wheel	710mm MT
Teeth	10 x Multi Tip
Start	Electric

Technical Specifications USA	
Engine	Hatz 65hp
Length	122"
Width	35" - 47"
Height	57"
Weight	4400lb
Fuel	Diesel 8 Gal
Cutting Depth	27"
Cutting Height	24"
Swing	69"
Wheel	28" MT
Teeth	10 x Multi Tip
Start	Electric



Radio Control option available

PREDATOR FZ500-38



The Pradator FZ500-38 is an attachment for excavators from two to six tons.

It is supplied with the same powerful Kohler V-Twin 38 HP engine as the predator 38 range. Fitted with a remote control operation from the cab, it's really simple to use and extremely versatile.

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Technical Specifications	
Engine	Hydraulic or Kohler 38hp
Length	889mm
Width	762mm
Height	1270mm
Weight	244kg
Fuel	Petrol 20L
Cutting Depth	508mm
Cutting Height	Limited only by excavator
Slew	As Above
Wheel	482mm MT
Teeth	6 x Multi Tip
Start	Electric

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PREDATOR FZ700H

The FZ700H suspension grinder is a serious Stump Cutter, designed to be fitted to larger excavators from 12 tons and above. The 28 inch wide Multi-Tip cutting wheel takes ten teeth, each with four cutting tips, giving a total of forty cutters, yet to keep it sharp, you just change the two leading teeth, an operation that takes less than two minutes.

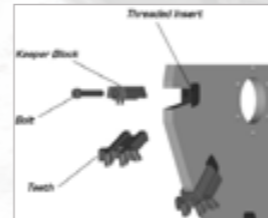
The extremely robust, Parker, bent-axis piston motor is again the same as fitted to our Predator 65RX, requiring an ideal flow rate of 33 gallons per minute from your excavator. The Predator FZ700H in conjunction with your machine will make for a formidable Stump Cutting tool, ideal for any kind of large-scale site clearance, railroad maintenance, forestry or civil engineering projects.

The system runs in reverse to normal stump grinders, allowing the machine operator to have a perfect view of the job in hand, the debris spray is small and the construction quality is excellent. The Predator FZ700H is built to last and last. Supplied with a flat, pre-drilled plate to the top, ready for an interface bracket to fit your machine.



PREDATOR FZ560T

The Predator FZ560T is an attachment for tractors from 40-100hp controlled from the cab or from the ground with a control panel on a wander lead. Great for parks and woodlands with large stumps in open areas. If you already own a tractor you can provide new services at a minimal outlay.



Technical Specifications UK

Length	1280mm
Width	810mm
Height	910mm
Weight	330kg
Cutter Wheel Diameter	710mm
Pressure	350bar
Ideal Flow	125 L/min
Construction	Solid Frame
Cutter Wheel	10 x Multi Tip

Technical Specifications USA

Length	50"
Width	32"
Height	36"
Weight	728lbs
Cutter Wheel Diameter	27"
Pressure	350bar
Ideal Flow	125 L/min
Construction	Solid Frame
Cutter Wheel	10 x Multi Tip



Technical Specifications UK

PTO	40 - 100hp
Speed	540rpm
Length	2184mm
Width	1270mm
Height	1727mm
Weight	526kg
Depth	609mm
Cutting Height	711mm
Swing	1524mm
Wheel	558mm
Teeth	8 x Multi Tip
Linkage	Class 1,2

Technical Specifications USA

PTO	40 - 100hp
Speed	540rpm
Length	86"
Width	50"
Height	68"
Weight	1160lbs
Depth	24"
Cutting Height	28"
Swing	60"
Wheel	22" MT
Teeth	8 x Multi Tip
Linkage	Class 1,2



Parker Motor - Fitted with the superior quality, Parker, high performance, bent axis, piston motor.



P75 Hub - Strong P75 bearings and hub with the added outrigger bearing for even more strength.



Interface Bracket - Specially designed brackets to attach this stump cutter to almost any excavator.



PREDATOR F500HD

The Predator F500 HD is a traditional wheeled machine with a number of available options. The drive train is powerful, the performance is impressive but most of all, the reliability is exceptional. The available engines are either a 27HP Kohler gas, 38HP Kohler gas or a 28HP Lombardini diesel.

The machine is operated from a swing-out control station to the right hand side and uses a single joystick to control the swing and up/down function. This is well guarded with a safety window and rubber skirts to protect the operator. The cutting depth is an impressive 15 inches from a height of over 19 and the swing is 37 inches.

The running gear consists of dual wheels at the front which can be removed if required to allow access through tight spots. The single wheels to the rear control the steering with the aid of a hydraulic lever. Safety features include an emergency stop button and a dead man's handle.

We've designed this machine so that consumable parts can be sourced anywhere in the world easily and cheaply, yet still be long lasting and of high quality. As per our other models, the Predator 500HD comes complete with the Multi-Tip wheel as standard.



Technical Specifications UK

Engine	Kohler 27/38hp
Length	2520mm
Width	890-1250mm
Height	1710mm
Weight	700kg
Fuel	Petrol 16L
Cutting Depth	380mm
Cutting Height	500mm
Slew	940
Wheel	510mm MT
Teeth	6 x Multi Tip
Start	Electric

Technical Specifications USA

Engine	Kohler 27/38hp
Length	99"
Width	35" - 49"
Height	67"
Weight	1540lb
Fuel	Gas 4.2 Gal
Cutting Depth	15"
Cutting Height	20"
Swing	37"
Wheel	20" MT
Teeth	6 x Multi Tip
Start	Electric

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INTRODUCING MULTI-TIP

30% BETTER PERFORMANCE GUARANTEED

Increased Performance

The combination of more cutting tips on a wheel whilst maintaining a good distance between the teeth, packs a punch that is unmatched by any other system.

Quick to change

A single bolt holds the tooth in place. This is undone and tightened with a simple hex key.

Cost Saving

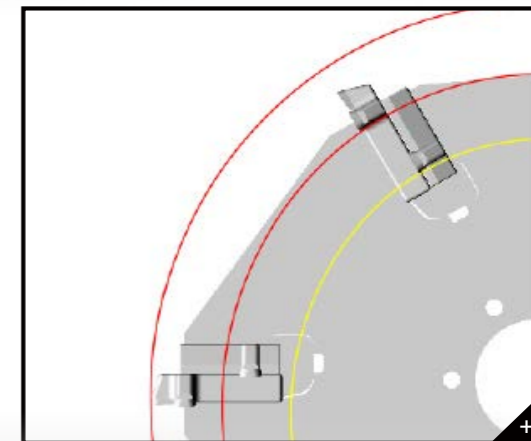
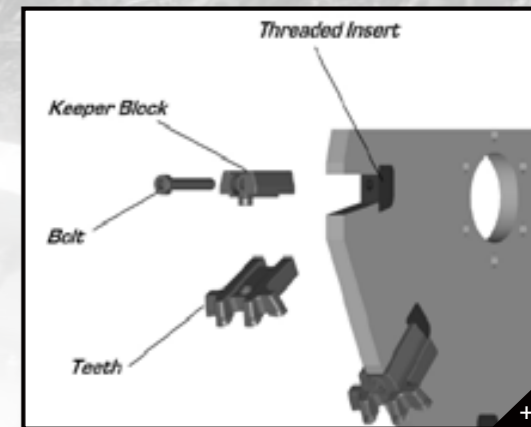
The tooth takes nearly all the wear because all the other components are protected.

Strength

Forces are transferred directly into the wheel with very little bending or shearing action on any components.

Ease

Teeth can only be fitted one way, there is no special adjustment necessary, Ensuring perfect setup every time.



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