

NEW PRODUCTS



NEW BOBCAT MINI LOADER

The new MT52 mini track loader is now the smallest machine in the Bobcat range of skid-steers, compact tracked loaders and all-wheel steer loaders.

With an overall width, with bucket, of just 914 mm, length of 3031 mm - with standing platform - and height of 1235mm, the MT52 is ideal for digging, loading and clean-up applications - both indoor and outdoor - especially in confined areas where larger machines cannot go.

With a 15 kW liquid-cooled Kubota diesel engine and 45.4 l/min of auxiliary hydraulic flow, the MT52 has the power needed for optimum performance with more than 15 different types of attachment, most of which can also be used on the Bobcat 463 skid-steer loader.

Thanks to the wide variety of attachments available, the MT52 is an ideal machine for landscape contractors, eliminating much of the hand labour normally found in earthmoving and fencing applications.

The attachments for the MT52 allow contractors to move dirt, landscape, install fences, plant trees, drill post holes, install sprinkler systems and much more.

Changing attachments is fast and easy via the Bob-Tach attachment mounting system, which the MT52 shares with the rest of the Bobcat range of compact tracked and wheeled loaders.

In addition, the rubber-track undercarriage of the MT52 distributes the loader's operating weight of 1137 kg over a large area, which reduces ground pressure and minimises disturbance to landscapes and other established surfaces.

The tracks also provide superior traction and flotation. The MT52 has a maximum forward travel speed of 5.6 km/h and 2.3 km/h in reverse.

The MT52 has a rated operating capacity of 252 kg, a tipping load of 720 kg and a pushing force of 1130 kg. It has a height to hinge pin with the arms in the fully raised position of 1810 mm and a dump height of 1265 mm.

For further information Tel: 020 87230161

REVOLUTION IN TURF MANAGEMENT

Supaturf Products launched their newest innovation in Turf Management, the Revolution marked the culmination of five years of the latest research and development undertaken by the Aquatrols Corporation of America.

This outstanding new product has patent pending and has been rigorously tested.

This new class of block copolymer chemistry has been carefully engineered to provide a solid foundation for successful turf management, and is an essential tool for protecting turf against damage caused by environmental and

CUT-OFF SAW ADDED TO BRAND

JCB Branded Products, have launched a powerful new addition to their range of tools for professional use, the JCB-680 Cut-off Saw.

Considered as essential kit for landscaping and construction, the JCB-680 Cut-off Saw combines fast, high performance cutting with simplicity of use and operator comfort. It slices through concrete, brick, block, steel, asphalt and similar tough materials with minimum effort.

The JCB-680 Cut-off Saw is ergonomically designed and is built for durability and the utmost reliability and is designed to meet the exacting standards required by the construction, civil engineering, landscaping and gardening industries, and the emergency services. Power comes from the 66.7 cc two-stroke engine, producing up to 3.0KW of power and the saw weights only 11.5kg.

There is a large multi-stage filtration system for preventing dust entering the engine, even under the harshest conditions.

The saw has shock mountings designed to reduce the intensity of vibration received through the saw handle, and a mounting trolley allows the use of an optional water kit for lubrication and damping the dust produced when cutting.

The JCB-680 is designed for use with a JCB 355x4x20mm 14" abrasive wheel, or recommended diamond blade.

For further information Tel: 01889 590312



cultural stresses. Revolution is a safe, reliable way to comprehensively maintain quality turf conditions throughout the season. Revolution can be tank mixed with a broad spectrum of commonly applied chemicals for even greater convenience.

This year marks the 25th Anniversary of Supaturf's association with the World leaders in turf surfactant technology.

Revolution provides control of rootzone conditions so that turf can perform to its greatest potential. It will withstand daily abuse better, use water more efficiently, and look spectacular even at the height of summer.

For further information Tel: 01440 715800

LYNX FRONT LINKAGE AND PTO EXPERTISE

Recognised as one of the leading suppliers of front three-point linkage and PTO systems for agricultural tractors, Northamptonshire based Lynx Engineering is now able to offer kits that will fit small and compact tractor models.

Purposely developed to match specific tractors, each linkage system benefits from a robust cast frame and top link carrier for maximum durability.

The linkages are currently offered with lift capacities of 600 and 800kg and can be supplied with a choice of Cat 0 and Cat 1 arm widths to match the tractor and its applications.

All versions have advanced features that include linkage arms that fold up and out of the way for transport or when the linkage is not in use and double acting lift rams.

The linkage kits draw their hydraulic power from a spool valve, and are operated via a Lynx multi-valve system. This enables the operator to easily set the linkage to operate in float or locked modes, with the additional feature of also allowing the link arms to be powered down.

This can be of value when operating certain items of front mounted equipment, such as a dozer blade or front cultivator.

Developed to be easy to fit, each front linkage kit is purpose designed to fit specific tractor models. A key feature of all kits is the robust main frame, which



ensures the load on the front linkage is transferred correctly through the tractor. This is of critical importance as it prevents damage when heavy loads are carried on the front end.

Each linkage kit comprises of a main frame, lift rams, lift arms, cast base frame and cast top link carrier. All relevant bolts and hydraulic hoses are also included. A top link is provided as standard, with the option of quick coupling 'A' Frame.

Able to transmit full engine horse power, the front PTO systems developed by Lynx can be specified to operate with the majority of its

compact and small tractor front linkage kits. A key feature of the front PTO system is the Pro Link control system.

This automatically engages drive to the PTO, modulating the power to provide a 'Soft Start' to the implement. This can help prevent damage to drive shafts, and can also help ensure high inertia kit, such as heavy flail mowers, do not 'stall' the engine as power is taken up.

Lynx PTO systems are fully integrated with the tractor, and take drive directly from the engine crankshaft. As standard, the kits have 1000rpm output at rated engine speeds, have clockwise rotation and industry standard 1 3/8 inch six-spline output shaft. For tractors of under 20hp, a 540 rpm output can be specified, with counter clockwise rotation as an option for all models.

For further information Tel: 01327 843215

GOODBYE TO OLD RAKES

The good old faithful rake may serve you well, but occasionally they can be a real pain.

Fed up of wasting time by having to move rakes when mowing or grooming, or removing fiberglass slivers and broken handles, are they a hazard on the course or do they simply just interfere in play?

Whatever the reason for falling out with your conventional rake, the new Rake Caddie is here to help.

This revolutionary system actually stores the rake in an underground shaft next to the bunker.

Thus the rake is hidden away out of sight and harms way and makes sure only the sand is responsible for stopping a golfer's ball.

To retrieve the rake you simply open the lid with the club handle. To return the rake the golfer pushes the rake back down with his club handle, and the rake automatically locks into the unit.

With the rake stored in an underground unit it also ensures that rakes are always clean and dry, and you always know exactly where the rake is.



DEEPER AERATION

Wiedenmann is one of the world leaders in deep aeration and turf decompaction technology with over 40 years experience in the turf maintenance sector.

Now they have taken this in-depth knowledge and combined it with three years of research and development to produce a new tractor mounted deep aerator, the Terra Spike XF, which is claimed to be three times faster than competitor machines.

The Terra Spike XF features a new, unique TwinDrive concept with a continuous crankshaft driven from both sides of the machine by maintenance-free pulleys and a ribbed Kevlar V-belt in a dust and dirt free housing. These TwinDrives are connected by two drive shafts from a centrally located gearbox driven by the tractor's pto.

The continuous crankshaft is another innovation, which for the first time, allows a machine to be constructed with an uneven number of crankshaft legs, which in turn results in a machine with a unique working width. This is the XF20/7 with seven crankshaft legs and a working width of 1.85m, which complements the XF20/6 with a working width of 1.6m and the largest machine in the range, the XF20/8 with a working width of 2.1m. The crankshaft is also computer balanced and uses large and robust bearings together with precision counterweights that results in an extremely smooth running machine.

Utilising a centrally positioned crank located within the anti-vibration PowerPack system, the angle of entry of the tines can be adjusted by 25°, from 90° to 65°.

For further information Tel: 0141 8143366



CLAAS INTRODUCE NEW TRACTOR RANGE

The new CLAAS tractor range for the UK amenity market will consist of a total of 22 models ranging in power output from 75hp up to 335hp.

CLAAS will be marketing four distinct ranges of tractor. Topping the CLAAS range is the new 335hp XERION, launched in Europe at Agritechnica last November and available in the UK for this autumn. In the 200hp to 250hp power sector, CLAAS has the two-model ATLES range, followed by the nine model ARES in the 90hp to 200hp sector, and finally the sub-100hp eight model CELTIS range.

A total of eight Celtis models will be available in the UK with maximum power outputs of 75hp, 84hp, 92hp and 102hp and in two specification levels - RC or RX.

Power for all Celtis models comes from a TIER II compliant, high torque DPS engine driving through a 20 forward/20 reverse speed transmission, with 11 gears in the 4kph to 12 kph working range.

As standard, all RC models are fitted with a mechanical doubler and mechanical reverser, giving a total of 20 forward and 20 reverse speeds, with the option of a mechanical reverser and the TWINSHIFT clutchless electro-hydraulic doubler. The higher specification RX models come as standard with both TWINSHIFT and the REVERSHIFT electro-hydraulic reverser. In addition, a creep speed is also available on all models, giving a total of 30 forward and 30 reverse speeds.

One of the greatest strengths of the Celtis range is its cab, which, with a forward vision range of 1220mm, is the widest cab in this power sector.



The cab also features forward-opening doors and a ventilation system housed behind the dashboard to keep overall height to a minimum.

Standard specification on RC models includes through bonnet exhaust and mechanically operated PTO, whilst the higher specification RX features a side mounted exhaust, adjustable steering column, hydraulically assisted PTO engagement, telescopic mirrors and an opening roof.

For further information Tel: 01284 763100



Stephen Fell (left) and Jo Saunders of Lindum celebrate the launch of Grassfelt.

LOOKING AT GROWTH

Lindum officially launched Grassfelt in the Instant Stadium at Saltex, where 230 sq metres of their revolutionary new turf covered half the playing surface.

Stephen Fell, Lindum's MD, explained the concept behind the product - a living grass sward grown into a soil-less, biodegradable felt rootzone - and the applications to which it can be put.

"We had felt the need for a strong, instant grass product, especially to combat erosion on civil engineering projects, for some time," he explained, "And were already experimenting with different materials."

Grassfelt can provide a living grass "carpet" over almost any surface including tarmac and concrete. Outdoor events such as weddings and trade shows, are alternative markets for Grassfelt which is currently subject to a patent application.

When used in a permanent landscaping, greenkeeping or civil engineering situation, Grassfelt is laid on the soil, and the roots grow through the felt and into the medium below within days.

For further information Tel: 01904 448675



HOVERMOWER FLIES IN

Saltex was the first showing of the worldwide selling Hover Mower, generally considered to be one of the best in its class. Lloyds and Company now provide a major alternative to the limited number of existing options within this product sector.

The Hover Mower is designed and built to be the toughest and best performing commercial duty hover mower in the market.

Some of the features make them the best in their class. It has become known as the best selling hover mower within the USA and used as the preferred choice at many prestigious golf courses. Its users demand a reasonably priced, high quality product.

Hover Mowers weigh less and therefore hover more efficiently. They are equipped with larger impellers, which generate more CFA (cubic feet air) per minute. This allows the mowers to float with ease over difficult terrain, with minimal scalping and requiring appreciably less effort to operate.

With regard to cutting, Hover Mowers have a 12mm (1/2") - 76mm (3") adjustable cutting height. The mowers can be equipped with an aluminium cutter disc and reversible stainless steel cutting blades. The steel cutting blades offer a clean, sharp cut, last significantly longer and are more economical. An optional lift kit is available to increase the cut height to 100mm (4").

One of the important features of the hover mower is the deck. Hover Mowers have the deepest deck design in the industry to allow for a higher cut. The design also eliminates torquing which results from the air circulating under the deck.

In a conventional design, the mower has a tendency to move constantly to the left. This would require extra effort by the operator to move the mower from side to side or to keep it on a steady track. The tripod deck design eliminates torquing giving the mower a more neutral stance.

With regard to the handles, Hover Mower have extra long 1.32 Metre (52") handles. These handles are connected to the deck using metal connecting plates. This eliminates premature fracture and failure of the deck, which can be an expensive and chronic problem.

For further information Tel: 01462 683031

