

NEW PRODUCTS

MASSEY FERGUSON

More power at the top end, fully independent suspension all round, selectable 2/4wd on all models and a revolutionary new rack system are included in the redefined range of Massey Ferguson Agricultural Terrain Vehicles unveiled for 2003.

Called AgTVs rather than ATVs because they have been specifically developed for use in agriculture, forestry, grounds care and related industries, the MF range features six models including three with automatic transmission. For 2003, the range now offers many common features while maintaining class-leading ground clearance, suspension travel, carrying and towing capacity and more powerful engines.

At the top of the range, the three MF 500 models produce more performance from their 493cc engines across the complete power spectrum. The extra power comes from higher compression, new carburetors, a new cam and changes to the ignition timing and gears. The result is improved acceleration and a higher top speed, which can be used to advantage with the machines' towing, handling and terrain-following capabilities.

The mid-range MF 400 AgTVs now get their power from 376cc four-stroke air-oil cooled engines - an all-new engine in the case of the 400 manual 5-speed transmission model. These provide ample power for tackling wide-ranging tasks in all manner of terrain.

All six MF AgTVs now have fully independent double A-arm front and rear suspension. On the MF 500 and 400 models, this provides a massive ground clearance, making them the best in their class by a long way.

The ability to ride over obstacles and avoid bottoming out in ruts is assisted by the superb ride given by the unbeaten suspension travel of these MF AgTVs.

Front differentials with selectable 4WD or 2WD are now standard throughout the whole range of MF AgTVs. All models have the easy start-in-gear feature, so there is no need to select neutral when starting up.

The MF 300 has a manual five-speed transmission with high, low and super low ranges while the 400 and 500 machines offer a choice of manual five-speed with high and low ranges or dual-range Duramatic automatic constantly variable transmission.

All MF AgTVs provide users with a carrying capacity of 45kg on the front rack and 90 kg on the rear, while the MF 500 Automatic TBX, with its longer wheelbase, has a rear-mounted moulded tipping box with a capacity of 136kg.

Now, this best-in-class carrying capacity can work harder for users with the introduction of a revolutionary MultiRack Platform (MRP) on MF 400 Auto and 500



Auto machines. This new rack system, built to a patent-pending design, allows users to fit a range of accessories according to the task in hand. These slide-on attachments are fitted to the main rack to hold a wide variety of tools and equipment, eliminating the need for elastic cords and straps, and ensuring everything is held safely and securely.

Users can mix and match from the wide selection of versatile MultiRack components, enabling their MF AgTVs to be tailored to their work tasks.

High-density polyethylene skid plate protecting the underside of the MF AgTV. An electrical output socket providing power for equipment such as spreaders, sprayers, winches, and the MF Fieldstar terminal for precision tar niig operations. Top quality after-sales service for parts and servicing provided through the MF dealer network.

For further information Tel: 024 76694400 or visit the websites at www.agcocorp.com and www.masseyferguson.com

RECO

The SGG vacuum collector available from RECO can be used either as manually operated equipment for clearing leaves and lifter or as an integral grass clippings collection system.

The equipment is mounted on a tractor's rear linkage and incorporates a powerful fan and 1m³ hopper with dust filter and viewing panel. Fan performance ensures grass and leaves are tightly packed in the hopper to reduce emptying frequency. Rear castor wheels with wide pneumatic tyres minimise damage to soft surfaces.

Leaves and lifter are collected with a heavy-duty plastic nozzle connected to the hopper by five metres of hose. For grass cutting operations, the system is typically used in conjunction with front-mounted finishing mowers.

Two tipping options are available - one for ground level and the other for reaching up to 2.2 metres.

For further information Tel: 0114 266 4668



CHARTERHOUSE TURF MACHINERY

Health and Safety concerns mean that today's users of professional machinery require powered products that give lower vibration levels and longer usage times. A new range of post-hole borers from Charterhouse Turf Machinery fulfil these criteria and can also be used for other important tasks.

One- and two-person operated Ardisam augers are offered. They are lightweight and designed for fast performance, being not only able to work in hard earth, but also in concrete. The machines feature a special shock-absorbing system that protects the user from vibration, lessening fatigue and allowing longer usage times for maximum productivity. Machine life is also prolonged.

Power comes from 2hp and 5hp petrol engines made by Honda or Tecumseh, and augers can be fitted with diameters ranging from 2.5-14in (6-34cm) with an overall length of 32in (81cm). Auger extensions can be fitted for work at even greater depths.

A range of attachments are available which convert the Ardisam augers to work as ice-breakers, power drills and even as a cement mixer, giving year-round usage potential and cost-effectiveness.

For further information contact: Tel: 01428 661222



PLM POWER PRODUCTS

Investing in a number of pieces of machinery for specific jobs can be expensive as each has an engine that requires regular servicing and maintenance. PLM Power Products have introduced a cost-effective solution to this problem- the Shindaiwa Multi Purpose Tool carrier which can be adapted to carry out a number of applications. One of the major benefits of this type of machine is that because of its versatility considerable space is saved a factor that is particularly important when working away from base, and using vehicles for transporting equipment. It also means that by having all the attachments readily available for those unforeseen jobs, both time and money is saved.

The M230 Tool Carrier has Shindaiwa's own 1.1hp engine, which has a dual ring piston, and chrome plated cylinder for long life and reliability.

A Walbro barrel-valve carburettor ensures a quick throttle response and that the engine runs smoothly in all positions. This lightweight power unit has a built-in anti-vibration system to help reduce operator fatigue.

Fitting an attachment to the tool carrier is easy and simple, the top end of the shaft is slid into coupler and locked in position. It is recommended that this operation is carried out on a flat surface so both assemblies can be fitted end to end.

Attachments include the SBA-AH230 Articulated Long Reach Hedgetrimmer. Cutting high hedges using conventional trimmers can be a labour intensive and time consuming operation. Ladders have to continually be moved and for safety reason often two people are involved.

The double-sided reciprocating blade is 22.3" inches in length and the unit total length of 7ft 10" inches. The blade can be adjusted to 10 different positions through 15 degrees and folds down for transporting and storage.

SBA P230 Pole Pruner has a length of over 9ft when fitted with a 10inch bar. There is a choice of 8", 10" or 12" bars and these are mounted on the left-hand side of the gear case so the operator has a better view of the cut.

SBA T230 String trimmer has a cutting swath of 16". A brushcutter conversion comes as part of the package. The splined, solid steel drive shaft is hard wearing and better for dealing with torsional loads that trimmers often encounter.

For further information Tel: 01543 414477



GREENTEK

Where do you turn to when you suddenly find you need to install some additional drainage or irrigation pipes or lay an underground cable? Should you phone for a specialist contractor - or reach for your spade?

Now with the launch of the new Greentek Power-Trench PT8, an affordable self propelled trencher, you can do these jobs yourself, without waiting until a contractor can fit you one.

The PT8 has a Honda Bhp engine, hydrostatic drive, and will trench down to 18" x 4". Its wide floatation tyres tread softly on fine turf and a low centre of gravity makes the Power-Trench easy to handle in awkward areas that larger ride-on machines find difficult or impossible to cope with.

Here is CouncilsGreenTek a compact trencher designed to meet the needs of Greenkeepers, and Groundsman, at an affordable price.

For further information Tel: 0113 267 7000.



MOTOKOV UK LTD

Two new TYM tractors have been introduced by Motokov UK Ltd to complement the existing range as well as, in the case of the new 70 HP T700, offering a more specialist machine from its newly formed Grounds Care Division.

The 31 HP T330 Hydro unit is powered by a 31HP Kubota engine, which has already been well proven to provide excellent traction, high lugging power and unbeaten mobility through its use in the TYM T290. The T330 is also supplied, as standard, with a mid Power Take-off (PTO) and offers triple range hydrostatic drive to allow for smooth and safe operation. As with the T290, the T330 has headland management, full road legal lights, a rear working light, seat belts, folding ROPS, flat floor, duff lock and cruise control as standard.

In response to an increasing demand for higher horsepower tractors for the ground care market, TYM has introduced the John Deere turbo powered 70 HP T700 to be supplied in the UK by the Grounds Care Division of Motokov UK.

A 16/16 shuttle gearbox which features creep speed makes the T700 ideal for turf maintenance as well as other horticultural, agricultural and leisure management applications. Accessories such as rollers, mowers and verti drains, etc can be fitted with ease as three rear hydraulic remotes are provided with a wing mounted switch control.

For further information contact: Tel: 01553 817701

