

LOGIC

ARENA, YARD AND Paddock EQUIPMENT

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Designed and manufactured in the UK... top quality equipment that works!

LOGIC

www.LogicToday.co.uk

Raking out dead thatch & stimulating growth

Using a harrow allows light, air, water and nutrients down to root level and is highly beneficial stimulating healthy growth.



Model LPH200

The Logic Pro-Harrow can be towed by an ATV or any other suitable vehicle. It is in its element when pulling out dead thatch from pastures or re-blending the materials of an all weather surface. The main frame is light but exceptionally strong and the harrow can be taken in and out of work using a manual lever. Inboard wheels allow easy towing and manoeuvring in fields and working right up to fence lines.



Pro-Harrow is ideal when reseeding or over-seeding a paddock (seen above) used in conjunction with a Logic Electro-broadcaster on the ATV, then firmed into the soil with a Ballast Roller to ensure a good germination of seed.



Adjustment of the drawbar top link ensures the Pro-Harrow or Super-Harrow can be set up to work level with any suitable towing vehicle.

Re-incorporating the various components of this training gallop (left) is quick and keeps it in tip top condition.



When work is finished, it is so easy to wheel into storage.

Pro-Harrow

Super-Harrow

Spring Tine Harrow comparison

34 (3 rows)	Tines	52 (4 rows)
Manual	Raise/Lower	Electric
2 metres	Width	2 metres
Yes	Adjustable drawbar	Yes
3 positions	Tine setting	3 positions



Easily reversed into a corner

The Logic Super-Harrow provides superior harrowing on all surfaces. The frame incorporates a 12v ram, which means the implement can be raised and lowered easily to regulate the pressure on the tines for delicate surfaces and when reversing into corners or transporting to storage. Its unique 'float' mechanism allows the harrow to work effectively on uneven ground. The tines are adjustable so that you can fine tune the harrow to perform different tasks, eg. simple harrowing through to re-grading gallops.



Super-Harrow depth control allows the tines to be set at a consistent penetration depth. This feature provides the optimum firmness for the desired riding discipline. It also protects surfaces with a barrier membrane from damage.



Model LSH200P



The control box is supplied with ample cable for positioning close to the operator's driving position. This allows Super-Harrow to be used with many types of towing vehicle.



Super-Harrow (seen above) re-blending the components of this sand and rubber chip arena.



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Levelling ground & aerating damaged areas

Where grassland areas have been plunged, compacted or waterlogged, they will require levelling and aerating to bring them back to optimum condition.

Chain Harrows are simple and economic drag units, ideal for levelling, scarifying and improving the health and appearance of paddocks.



Chain Harrows are available in 1.2 and 1.8m widths. They are made from 13mm high-carbon steel and have trail weights to minimise the bounce effect.

Model CH200

Ballast Rollers are perfect for levelling soft ground or for use after reseeding worn areas.



Model BR150 1.5m wide

Ballast Rollers are very strong and feature a large 508mm diameter drum for easy towing.



Model BR180 1.8m wide



Model BR180 1.8m wide

Ballast Roller weight can be altered by adjusting the water content to suit ground conditions and towing vehicle (maximum gross weights 530kg/640kg). This optimises performance and safety especially when working on sloping ground.

Terr-ator is a heavy duty aerator which slits swards or compacted areas allowing air and water down to root level. This process relieves compaction and generally boosts plant health and productivity.



Model LTA160

Terr-ator produces slits down to 140mm and works best behind a 4x4, ATV or similar towing vehicle. Moving from transport to work mode is achieved by flipping the machine over 180 degrees using the drawbar.



Optional 22.5kg ballast weights can be added, to a maximum of 5 when required, to help penetrate hard packed ground.



Operating width is 1.6m with 32 x 6mm high-carbon steel blades designed to penetrate ground with as little effort as possible. The transport position naturally offers easy access for any maintenance, including greasing.

The slits created in this waterlogged sward improve the natural drainage, allowing air and nutrients down to root level, quickly improving the condition of the grass. In areas where constant pounding of horses hooves has caused compaction and capping, the Terr-ator will break up the surface allowing plant life to recover. This underrated piece of equipment will transform any ground especially heavily used areas such as gateways or sacrifice areas, etc. Several passes will also assist with preparation for reseeding by creating a tilth - when used in conjunction with a Logic harrow and Electro Broadcaster this provides the best conditions for successful germination.

Keeping the grass short & nutritious

With the regular use of a mower, grass quality and quantity can be managed and improved whilst keeping weeds under control. Rougher ground can also be transformed into useful grazing areas.

MFP Flail Mower with a 16hp engine, twin belt drive and centrifugal clutch. This model is ideal for topping paddocks and for use in rougher conditions such as riversides or roadside verges, etc.



Model MFP120B16



MFP mowers permit a choice of blades for A-General use, B-Fine grass, C-Scarifying.

Flail Mowers

are designed to cut heavier material as well as topping pastures. All Logic flail mowers feature heavy duty construction, anti-scalping roller to prevent sward damage, off-settable drawbar to cut under trees and bushes, height adjustable drawbar to enable towing by any suitable vehicle and remote engine kill switch for added safety.

This 'wheels behind' model (right) is perfect for working close to walls, fences and trees, etc. It can be supplied in either MFP or MFT format and is fitted with a jockey wheel to assist with hitching up to a vehicle.

Model MFT100B18R



MFT heavy duty hammer-head flails (left) capable of cutting through the toughest of vegetation such as heather, brambles and shrubs in woodland rides, etc.

MFT models have triple belt drive with manual engagement.



Model MFT120B18FW

MFT 'Scrub Buster' Flail Mower with powerful 18hp engine to cope with the roughest of conditions, seen here with optional flotation wheels for soft or rough ground.

TRM Rotary Mowers are very easy to use and are capable of covering a lot of ground quickly. They feature an adjustable drawbar allowing the mower to be towed by any suitable vehicle - this also allows the mower to be off-set to work under overhanging vegetation.



Model TRM120H13FW

Rotary Mowers

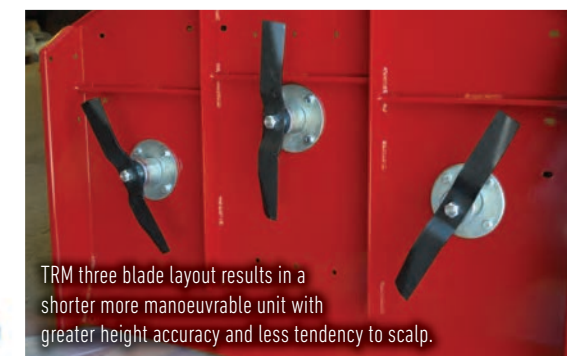
are designed for topping large areas quickly and efficiently, ideal for regular use on paddocks, driveways and orchards, etc. Cutting widths available are 1.2m and 1.5m wide with cutting height range from 20mm to 160mm.



Model TRM150B16FW



The Logic TRM range of mowers are just as happy behind a 4x4 as they are with an ATV, Utility vehicle or compact tractor. The cutting height can be adjusted in seconds by moving a quadrant lever. There is a remote throttle for engine control from the driver's seat and an engine kill switch for added safety. An optional electric start is available if required.



TRM three blade layout results in a shorter more manoeuvrable unit with greater height accuracy and less tendency to scalp.



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Cleaning up paddocks & levelling arenas

Clean paddocks are important to maintain a healthy environment for your horse's well-being. Arenas are a valuable asset particularly when they can be quickly and efficiently kept in good order.

Horse Muck Collector is designed to pick up droppings "ten times faster" than by hand or vacuum and the hopper holds the equivalent of about six wheelbarrow loads.

The Logic Pro-Sweep uses a powered brush to sweep piles of droppings into the hopper while travelling quickly over the ground. Where droppings are 'rained-in' the optional tine bar kit, seen fitted here (below), breaks up the muck just before the brush sweeps it into the hopper.



Model MSP120WT

Pro-Sweep has a 1.2m operating width with a Honda 'easy-start' 5.5hp engine to power the brush. This gives the sweeper total independence so that it can be towed by any suitable vehicle. There is an adjustment jack to alter the height of the brush to achieve the best results in the length of grass being cleaned. The optional tine bar, when fitted, is adjusted simply by raising or lowering into one of three secure locating slots. The Pro-Sweep features wide low ground pressure wheels at the front and similar castor wheels fitted to the rear to allow use on soft ground. It can also be used for many other tidying up jobs, particularly grass clippings, acorns (to prevent livestock from being poisoned), leaves and cleaning yards and roads.



The remote throttle (above) is positioned close to the operator to allow the engine revs to be increased just before a pile of droppings - this starts the brush to sweep up the pile. The revs can then be decreased to allow the brush to stop.



When the hopper is full, which can be monitored through the mesh cover on the front, simply drive to the midden and use the manual geared winch to tip the hopper upright then draw forward to deposit the load on the ground. The winch handle is simply reversed to lower the hopper in a controlled release.



Arena Graders to keep your arena in tip top condition, with a consistent surface to ride on.

'Surface-Pro' with electric raise and lower, is an easy to use conditioner to level and compact to the firmness required for your riding discipline, including on the latest wax composite surfaces.



Electric control box

Simple hand lever adjustment

Perimeter plough in use

This trailed machine with its large low ground pressure wheels makes it easy to manoeuvre and attach to a range of towing vehicles. It features adjustment of spring tines, levelling board and roller to achieve the desired blending and firmness. The optional perimeter plough is simply folded up into the parking bracket.

'Pro-Grade' provides one-pass levelling quickly and easily on many types of surface. The unit has large inboard wheels allowing quick attachment and easy manoeuvring.

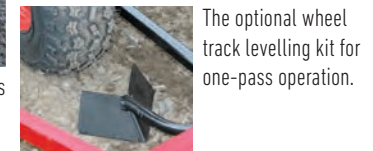


Model PG250T

Pro-Grade with an optional tine bar fitted to agitate and re-incorporate loose or composite surfaces. The grader is seen here with the perimeter plough in use to pull in material from the side boards.



The easily operated over-centre lever raises and lowers for work and transport. Depth adjustment is easy to alter too.



The optional wheel track levelling kit for one-pass operation.

Spreading, Seeding & Controlling weeds

Spreading fertiliser/minerals can be easily carried out where improved grazing or the production of hay is required. Our range of sprayers makes controlling weeds a simple task.

Electro Broadcasters are suitable for applying grass seeds, minerals and other top dressings of trace elements as well as low volume fertiliser rates on small areas. These units are powered from the carrying vehicle's 12v electrical system and can be mounted in a number of positions to suit the vehicle.

Model EBC-TF580



Model EBC-TFS120PSL with 130 litre hopper



Model EBC-TFS120PSL mounted on TPL115

Engine Driven Spreaders are designed for soft ground or when no tractor is available. The hopper can be filled to suit the towing vehicle.



Model VC500 with 500kg capacity hopper

On Board or Trailed Sprayers are ideal for spot spraying, through to whole field control as well as for general tidying up around yards and buildings.

There is a wide model range powered by the host vehicle's 12v electrical system, with capacities, hand lances and booms to suit every situation. Contact a Logic dealer or one of our offices for more advice.



Model OBS690S 60 litre capacity with OBS102 2.0m boom, OBS112PH hose reel and hand lance



Model TS400S with OBS104 3.0m boom

Trailed sprayers are compact with conventional features, ideal for a wide range of suitable vehicles. The model seen here has a 270 litre capacity with a 3m boom and would be suitable for medium to large sized paddocks.



Model TPS390SE with OBS104 3.0m boom

Perfect for small tractors with 'Cat 1' linkages like this compact tractor mower unit. The skids set the sprayer at a good height for dismounting and storage.



Model DMS397SE with OBS108 4.0m boom

Deck mounted sprayers are easy to mount into a UTV to provide a large 270 litre capacity, with in cab controls.



Model DMS390S - with OBS104 3.0m boom

Contact 2000 Weed Wiper (shown below wiping stinging nettles) applies chemical only to taller vegetation leaving grass and clover unaffected and is a way of controlling all tall weeds including ragwort. This system produces excellent results and uses only a fraction of the chemical required for conventional spraying of the same area which has huge environmental benefits. Chemical is sprayed onto this unique highly absorbent contra-rotating brush which then wipes it onto any tall weeds. For areas where access is restricted model CTF150 with 1.5m operating width is available.



Model CTF250DSK—2.5m wide with 60 litre capacity spray tank powered by the towing vehicle's 12v electrical system.



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General transportation & tidying up

If you are carrying water, liquid feed or any other kind of load, Logic has a range of products to make the task easier, safer, quicker and more enjoyable. Sweeping up can be fun too!

Trailers are a simple but important tool for any busy equestrian. The amount of time and hard work saved with the use of a suitable trailer can be tremendous. Logic has a range of models to cover most requirements and sizes to go behind any suitable vehicle with a 50mm tow ball.



Model TGT400 - tipping trailer 1.5 x 1.0 x 0.8m



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Spring assisted tipping mechanism



Model TST400 - tipping trailer 1.5 x 1.0 x 0.5m

Logic tipping trailers are tapered to ensure the load empties easily. The tailgate doubles as a loading ramp for wheelbarrows, etc. and the body is spring loaded to help tipping. The model (left) has optional prop stands and jockey wheel fitted.



Bale Trailer, which is easy to load and tip and designed to carry hay, straw or haylage up to 600kg.

Model LBT100



Using this trailer to transport bales to a field is a one-person job and takes minimum effort thanks to the unique double pivot system, manual winch and sturdy straps.



Model STT400 - 1.5 x 1.0 x 0.38m

General purpose trailers come no better than this very strong all welded, galvanised model with a choice of tailgates, headboards and extension sides available if required.

Bowers provide a very useful means of carrying water or liquid feed to grazing areas, strip grazed sections or anywhere that needs a temporary water supply.



Model SLB600

This 600 litre Bowser has a strong translucent tank with 3.5m hose and 1/4 turn tap, perfect for filling troughs in 'dry' paddocks.

Logic Bowers feature a strong chassis and mounting frame fitted with top quality low ground pressure wheels and tyres, suitable for soft ground. They have a large diameter ventilated lid for easy filling and a swivel hitch for added safety.



Model SLB400 - 270 litre capacity



Model SLB620HM

This 600 litre Bowser (left) is fitted with a mane watering kit, powered by a Honda pump. This unit provides an essential function of 'damping down' arenas for dust suppression. It can also be used as a general purpose bowser for anywhere that needs a lot of water in a hurry!

Front-mounted cleaning equipment

Power brush, yard scraper or snow plough. All these units quick-attach onto a chassis mounted on an ATV or UTV. All models can be controlled from the driving position.



Model S215H



POWER BRUSH UTS215BR - for front use on UTVs has a 1.68m width and remote electric controls to angle and lift the brush.

Shows and Events 2019

May	1st - 5th	Badminton HT <i>with Mary King</i>
May	16th - 18th	Devon County Show
May	29th - 1st June	Bath & West Show
June	6th - 8th	Royal Cornwall Show
June	6th - 9th	Bramham HT <i>with Mary King</i>
June	14th - 16th	Three Counties Show
June	20st - 23rd	Royal Highland Show
July	5th - 7th	Scottish Game Fair - Scone
July	9th - 11th	Great Yorkshire Show
July	22nd - 25th	Royal Welsh Show
July	26th - 28th	Game Fair - Hatfield House
Aug	1st	Burwarton Show
Aug	29th	Bucks County Show
Sept	19th - 22nd	Blenheim Palace HT

Just some of the shows and events we will be attending this season. Watch our website and Facebook page for the latest information.

Logic sales are handled by our national dealer network giving you access to:

- Local delivery
- Fully assembled with pre-delivery inspection
- Full instruction on delivery, including Health & Safety recommendations
- Local support and after sales service for any further servicing or repairs.

Please contact our main offices for details

1 North • Hexham, Northumberland 01434 606661

2 South • Cheltenham, Gloucestershire 01285 720930

www.LogicToday.co.uk

sales@logictoday.co.uk

Logic works for Mary King . . .

The paddocks at Thorn House get a work-over to rake out winter thatch and level out all the rough areas - a great way to start the season



The Pro-harrow, used here by Mary, is designed to rake out dead thatch and to stimulate growth. The paddocks at Thorn House are constantly under pressure to provide good quality grazing throughout the Spring and Summer every year.

With many horses in competition training, plus several other youngsters and breeding stock, there is always a demand for short sweet grass to keep them in the best condition. Mary's range of Logic equipment is constantly in use to prepare then maintain these paddocks to provide the quality of grass required.

Mary will be on our exhibition stand at Badminton on Friday at 2pm and at Bramham on Friday at 2pm. Come and meet her for book signings and photographs. Follow us on social media for regular updates of the eventing season. We wish her all the best competing with this season's string of horses.



The Logic Ballast Roller, used by Mary (above), is perfect for levelling out hoof marks, damaged areas and generally firming loose ground. It really comes into its own when reseeding or over-seeding to consolidate seedbeds and to bring seed into firm contact with the soil, thereby improving the germination rate and successful growth of new plants.



The Rotary Topper (above) ensures the grazing grass is kept short and nutritious encouraging finer grasses to establish and thrive. Shown here being towed behind a 4x4 as an alternative to an ATV.