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Importers, manufacturers and suppliers of farm and industrial machinery to the Crofters and Farmers of the Highlands and Islands

CLAREN RACTORS The Affordable Machinery Dealer

McLaren Tractors MTL Ripper and Stubble Cultivators

MTL Pigtail Ripper working widths available: Fixed width 2.2m, 2.6m & 3.0m. Hydraulic folding: 3.8m, 4.7m & 5.6m

The simple double coil 'Pigtail' 35mm square tine allows for unrivalled mixing performance in stony conditions, the close fitted tines vibrate in the soil.



MTL Pigtail Ripper Cultivator

The MTL Pigtail Cultivator is a high quality machine for cultivating to a depth of 30cm. It has a dense tine distribution paired with adjustable working depth and has extremely good material mixing properties with flexible tool options for meeting the high demands of precision agriculture.

The MTL Pigtail Cultivator works equally well in shallow stubble cultivation and in deep soil tillage or mechanical weed control, depending on choice of point. A shallow pass with the Pigtail cultivator directly after the combine harvester efficiently mixes straw and crop residues into the soil for immediate breakdown and encourages weeds and volunteer seeds to germinate. The cultivator also does an excellent job in seedbed preparation. The MTL Pigtail Cultivator is designed to achieve exactly what every farmer wants – uniform, resource-efficient soil cultivation with consistent results both above and below the soil surface. Available with a choice of roller – crumbler roller, ring roller or packer roller.

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Easy pin-in-hole adjustment system McLaren Tractors (MTL) cultivators have been developed to deliver optimum stubble cultivation. They are suitable for both shallow and deep soil preparation. During the design, special attention was paid to low drag and low power requirements.

The rear rollers assume the task of depth control for the cultivator, the depth adjustment for the rear roller enables the working depth to be adjusted quickly and easily using a straightforward pin-in-hole system. The position of the rear roller can be locked to provide an additional transfer of weight from the roller to the cultivator.

Setting up for different soil conditions is quick and straightforward, with different roller types: spring steel ring roller for light to medium stony soil, where stones are able to exit the roller and are less likely to jam inside the roller. The tubular roller is ideal for dry non-sticky light to medium soils. The roller is equipped with ten strong bars to provide the best packing effect. The toothed packer roller is suitable for all types of soil. The roller leaves behind an optimum, compressed seedbed with loose, fine earth at seed level.

The scrapers are located just above surface level. No earth clods can be lifted away, even in wet conditions, and optimum capillary structure remains intact for excellent germination.

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MTL Stubble Cultivator

A heavy duty cultivator for primary or secondary cultivations, with compression spring legs, wide foot for stubble cultivation and maximum mixing soil disturbance, rear spring loaded spreading discs, and choice of roller: crumbler roller, ring roller or packer roller.

MTL Stubble cultivator working widths available: Fixed width 2.2m, 2.6m & 3.0m. Hydraulic folding: 3.8m, 4.7m & 5.6m The McLaren Tractors (MTL) Stubble Cultivator has been developed with lightly curved guide plates, mixing the flow of earth from the side – an intensive rolling movement without throwing earth up onto the frame. Also, the outer tines are fitted with edge guide plates.

The mounting legs have been engineered to form an arc for a perfect working angle. The mountings reach right down the leg to provide a high level of stability. The tines are mounted on coil spring units with shear bolts, for matching penetration performance to the operating conditions, even on dry and hard ground.

The stone protection system features a newly developed horizontal spring unit. In addition, the levelling discs are mounted on leaf springs to ensure maintenance-free overload protection of disc units and non-stop cultivations.

The first row of tines is located as far forward as possible to bring the weight as close as possible to the tractor, cutting right through the whole surface, perfect mixing in and excellent crumbling are what make MTL stubble cultivators so successful on the market. They feature proven share geometry for uniform working in and intensive mixing of harvest residues, liquid manure, muck and mulch.

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MTL Grass Harrow



The MTL grass harrow is a robust spring tine machine available as a fixed width or hydraulic folding with double acting ram. The Harrow covers every inch of the ground, thanks to its unique contour flexing tine bed. It clears moss, opens the surface, improves aeration and encourages growth of old swarthes, boosts clover and grass quality.

VALTRA

- Screw adjustable large diameter depth wheels for infinite adjustment
- 4 Chain mounted flexible beds for better contour following
- 4 position rake angle adjustment
- Heavy duty quick hitch bar
- 120 double 8mm quick change tines
- Quick transport mode adjustment

MTL Grass Harrow working widths available: Fixed width 3m. Hydraulic folding: 6m, 7.5m, 9m & 12m

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6m to 14m working width
Manual rate adjustment
Stainless steel spreading vanes
Stainless steel shut-off slide
540rpm PTO shaft
Robust steel frame

MTL Single Disc Spreader

The MTL Single Disc Spreaders feature a simple design for spreading granular material such as fertiliser, prilled lime and salt, from 6m to 14m. The machines are close coupled to the tractor to reduce the lift capacity required and have a strong steel chassis for many years of operation. The 500kg machine has a plastic hopper and the 800kg machine has a steel hopper with extension.



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MTL Heybob Hay Turner

The MTL Universal Heybob 300 is designed to spread and windrow hay; this classic design has been present on the UK market for forty years.

- Large flotation tyres
- Strong double tines with 2 positions for spreading and rowing
- Adjustable rear gates for spreading and rowing to left or right
- Pin adjustable height with 3 positions
- Simple transport lock to reduce offset when travelling
- 540 rpm PTO shaft with overrun clutch
- 3m working width, for spreading 2 swaths from a 1.65m or 1.85m drum mower



MTL Subsoilers

Soil compaction is becoming a problem in modern farms. Our MTL Subsoilers are designed to combat the effect of repeated tillage and the pressure that tractors and other machinery have on the soil. Typically a hard pan is created 100-300mm below the surface of the soil. This pan restricts the movement of water and oxygen through the ground and results in water lying on the surface in wet weather and stressed or dead crops in dry weather, as the topsoil is unable to draw moisture from the subsoil.

The MTL subsoiler range is designed for larger modern tractors and are available with 1 to 5 legs at 1m – 3m working width.

Standard equipment:

- 3 point linkage cat: 2 and 3
- Frame profile: 300 x 200 x 8
- Clearance under the frame 750m
- Working tine thickness: 30mm
- Shear bolt protection
- Supports
- Hardened replacable working tine share

Optional equipment:

- Mole drainer with a chain
- Tubular roller 540mm from width 1.5m

MTL Sprayers

MTL Sprayers are robustly made for small to medium farmers who require a simple cost effective machine, that is accurate, easy to operate and clean and will last for many years.

Features:

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- Plastic moulded tank with 20% overcapacity
- Integrated fresh water tank
- Manual folding booms with safety break away
- Manual boom height adjustment
- Frame mounted diaphragm pump
- 3 section shut-off
- Manual shut off
- Single snap fit nozzles
- Optional zinc galvanised frame and booms
- 300 litre to 1000 litre, 6m to 12m working width



Titan Rolls

Heavy duty horizontal hydraulic folding rolls with Cambridge and breaker rings. Hydraulic weight transfer system, large flotation transport wheels with wide track width for stability, available with shatter boards with hydraulic or mechanical adjustment. 6.3m or 8m working width.

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One of the most important factors in achieving effective crop establishment is ensuring thorough soil consolidation around the seeding zone. Not only does a welltimed pass with a heavy set of Cambridge Rolls improve 'soil to seed contact', it also helps to retain moisture, reduce erosion, improve chemical spray contact and decrease slug activities. With this in mind, the Titan & Atlas Rolls have been developed to allow farmers to effectively roll after seeding to ensure the crops are given the best possible start.

TITAN ROLLS: 6.3m (21') or 7.5m (24') working width 500mm or 530mm rings

Horizontal folding with weight transfer system and transport cradle for wing sections. Optional spring shatter boards, hydraulically engaged require additional double hydraulic service.

- Robust fabricated steel frame
- Large wheels and tyres for fast smooth road transport
- Triple sealed bearings
- Transport wheels are well clear of ground when rolling
- Simple adjustment of rings
- Centre pivoting wing sections
- Ring size options

ATLAS: 6.3m, 8m and 9m working width, 500, 530 & 600mm rings

Horizontal folding with one double acting ram, large flotation tyres, mechanical transport lock, heavy duty 60mm axles, swivel bearings

- Robust fabricated steel frame
- Large wheels and tyres for fast smooth road transport
- Triple sealed bearings
- Transport wheels are well clear of
- ground when rolling • Simple adjustment of rings
- Ring Size options

Atlas Rolls

Staltech Disc Harrow

Staltech Disc Harrow working widths available: Fixed width 2.5m & 3m. Hydraulic folding: 4m, 5m & 6m Following the harvest, residues need to be worked in evenly so decomposition gets a head start. This mixture of straw and soil creates optimum conditions for soil life. That's why the compact disc harrow plays a major role in modern arable farming. The Staltech compact disc harrow specialises in shallow cultivation and high output. This is a true all-rounder and can also be used for seedbed preparation. Typically working depths between 30mm and 120mm are possible.

The open frame construction provides the driver with an excellent view of the front and rear harrow disc gangs. A uniform surface finish with the best mixing performance meets farmer's and contractor's expectations in the field. To achieve this Staltech has optimised the geometry, size, mounting angle and penetration angle of the discs. The result: Low drag resistance, perfect ground penetration, best crumbling and mixing effect.

Aggressive scalloped discs for maximum mixing and penetration, individually rubber mounted to reduce shock loadings and greasable double bearing holders.

MTL Pan Mixer

The MTL Pan mixer for mixing dry or wet material from cement and concrete to feedstuffs such as barley, minerals and brewery bi-products. Provides an effective and efficient mix for precise delivery through a rear facing chute.

Features:

- Cat 2 linkage
- 540rpm PTO drive
- Pallet tine sockets
- Spring loaded mixing tines
- Hinged mesh top with bag ripper

Optional hydraulic motor drive is available. Available in: 600, 800 and 1200 litre.





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MTL Transport Boxes

The MTL Transport Boxes are made of quality robust sheet steel to provide a versatile 3 point linkage mounted tipping box.

Features:

- Manual tipping mechanism, connectible to tractor cab
- Cat 1 and 2, three point linkage
- Hinged rear removable door
- Scraping edge for ease of loading

Sizes: 1.2m – 660 litre 1.5m – 825 litre 1.9m – 990 litre

Options: Top cover Hydraulic tipping



KDL Disc Mowers

KDL Disc Mower series with its classic suspension system is compact, strong and lightweight, for medium to large tractors from 60 – 130hp. The mower has a smart design built on the COMER cutter bar which is equipped with quick change knife holders providing a very fast exchange of knives without the need for extra tools. The cutter bar has a clean simple design to give a high performance cut even in laid crops.

The KDL Disc Mower series has three transportation positions offering flexibility in operation: vertically and to the side of the tractor, vertically and to the rear of the tractor and horizontally pointing away from the rear of the tractor, they are available in four working widths: 2.1, 2.5, 2.8 and 3.2m.





KM20 1.35m compact drum mower KM21 1.35m drum mower KM22 1.65m drum mower KM24 1.85m drum mower KM25 2.10m drum mower



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KM Drum Mowers

Double drum mowers with quick change blades, designed for small to medium-sized farms, for tractors from 28hp to 100hp. These mowers give excellent ground contour contact, ensuring a clean cut even in laid crops.

A simple and robust design with the gearbox drive along the top of the machine, ensures that the machine is able to operate in demanding and rough conditions where a disc mower may be susceptible to damage.

The double sided blades are easily changed if damaged or turned to provide a new edge for superior cutting.

Features:

- Safety break back system to prevent damage from obstacles
- Quick blade change tool
- Quick transport mode adjustment
- Heavy duty lasting plastic canopy protection
- Optional hydraulic transport lift