



GROUNDS MAINTENANCE MACHINERY





OUR COMPANY

Major Equipment Intl Ltd was established in 1976. We manufacture and export a comprehensive range of agricultural, amenity and site equipment. Our products are manufactured and distributed under the brand name of MAJOR.

Over the years the company has expanded and now has branches in the UK and the Netherlands to service our extensive customer base.

Our company policy is one of continuous product development. We have a specialist research and development team who use the latest design software and production technologies available.

We are committed to providing you with a high quality product delivered to the desired destination, within the stipulated time period. We also provide a full after sales service and technical assistance.

OUR PRODUCTS

Our product portfolio includes rollermowers, flail mowers, flail collectors and grass cutting toppers.

Grounds maintenance keepers are under continuous pressure to deliver perfect results on increasingly tighter budgets.

In tougher current economic climate, it is easy to overlook replacing front line machines.

With our products, you will be able to keep within your budget without compromising the quality of the finish.

Our rollermowers can reduce your running costs by at least 30% when compared to running cylinder gang mowers. The capital investment requirement is lower than a cylinder mower, yet the MAJOR rollermowers produce an equivalent finish.





THREE POINT LINKAGE ROLLERMOWERS

The 6000, 6300, 8000 & 8400 MAJOR Rollermowers easily connect to the tractors three point linkage and roll over the ground following the earth's contours independently of the tractor.

The blade system is enclosed within an aerofoil chamber and cut material is recycled and distributed evenly in the wake of the machine. The finish is a professional stripe which is favoured by groundsmen.

A simple spanner adjustment sets and locks the cutting height of the machine by raising or lowering the rollers. The cutting range available is from 12mm to 150mm. Heavy duty rollers are fitted with internal bearings and seals to prevent water and dust contamination ensuring life long protection.

MAJOR Rollermowers are all gear driven machines which results in low maintenance and down time costs when compared to belt driven machines.

The gear drive system allows these machines to operate in the most arduous weather conditions and still produce a perfect finish. The slip clutch and overrun protection on the input PTO shaft coupled with the rubber buffer protection between each of the rotor gearboxes minimize damage to vital components in the event of an impact.

This machine is suitable for use in a wide range of applications including cricket outfields, sports pitches, polo grounds, school grounds and golf course rough maintenance.

Features:

- Adjustable cutting height from 12mm to 150mm
- 3 point linkage Cat I/II Arms
- Inter gearbox shock loading protection
- Slip clutch and overrun on PTO shaft
- Internal double roller bearing housing
- Scraper bars
- Durable two pack paint finish

Model	Working Width	Power (HP)	PTO rpm	Cutting Height	Rotors	Blades	Weight	Mowing Rate
								(No. of Acres @ 7mph)
6000	1.83m	25 - 50	540	12 - 100mm	2	8	475kg	4.8
6300	1.95m	25 - 50	540	12 - 150mm	3	12	450kg	5.2
8000	2.438m	30 - 60	540	12 - 100mm	2	8	650kg	6.5
8400	2.438m	30 - 60	540	12 - 150mm	4	16	510kg	6.5



FRONT MOUNTED ROLLERMOWER

The MAJOR Front Mounted 8400 Roller mower is based on the 8400 Roller mower. This machine features an innovative four point pivot system that ensures constant contact with the undulating ground.

The CAD designed linkage system allows the machine unrestricted floatation and excellent road height clearance when the machine is locked into transport position.

Swinging blades protect the gearboxes from impact damage with rubber buffers eliminating residual shock loading. The blade system is enclosed within an aerofoil chamber and cut material is recycled and distributed evenly in the wake of the machine.

The finish is a professional stripe which is favoured by grounds maintenance keepers. A simple spanner adjustment sets and locks the cutting height of the machine by raising or lowering the rollers. The cutting height can be adjusted from 12mm to 150mm.

Heavy duty rollers are fitted with internal bearings and seals to prevent water and dust contamination ensuring life long protection.

The MAJOR Groundsmajor Roller mower range are all gear driven machines which results in low maintenance and down time costs when compared to belt driven machines. This machine is suitable for use in a wide range of applications including cricket outfields, sports pitches, polo grounds and golf course rough maintenance.

Features:

- Adjustable cutting height from 12mm to 150mm
- 3 point linkage Cat I/II Arms
- Inter gearbox shock loading protection
- Slip clutch and overrun on PTO shaft
- Internal double roller bearing housing
- Heavy duty rollers
- Durable two pack paint finish
- Scraper bars

Model	Working Width	Power (HP)	PTO rpm	Cutting Height	Rotors	Blades	Weight	Blade tip speed	Mowing Rate (Acres @ 7mph)
8400FL	2.4m	60 - 110	1000	12 - 150mm	4	16	550kg	4373 m/min	6.5



11000, 12000 and 15000 ROLLERMOWERS

11000, 12000 & 15000 MAJOR rollermowers are gear driven machines from 3.5m to 4.6m working width. With the wings folded this machine has a transport width of just 2.3m.

The 11000 & 15000 can be front mounted with a CAD designed linkage frame. They can be used in conjunction with the MAJOR TDR range to give a superior cut.

The slip clutch and overrun protection on the input PTO shaft coupled with the rubber buffer protection between each of the rotor gearboxes minimise damage to vital components in the event of an impact.

The twin blade system is enclosed within an aerofoil chamber and cut material is recycled and distributed evenly in the wake of the machine. The finish is a professional stripe which is favoured by grounds maintenance keepers. The blades are synchronised to rotate in opposite

directions and overlap each other by 75mm to ensure a perfect finish every time. A simple spanner adjustment sets and locks the cutting height of the machine by raising or lowering the rollers. The cutting height can be adjusted from 12mm to 150mm.

Heavy duty rollers are fitted with internal bearings and seals to prevent water and dust contamination ensuring life long protection. These machines are suitable for use in a wide range of applications including sports grounds, private estates, polo grounds and schools.

Features:

- CAD designed linkage system
- Inter gearbox shock loading protection
- Slip clutch and overrun on PTO shaft
- Durable two pack paint finish
- Internal double roller bearing housing

Model	Working Width	Transport Width	Power (HP)	PTO rpm	Cutting Height	Rotors	Blades	Weight	Weight (c.w frame)	Blade tip speed	Mowing Rate (Acres @ 7mph)
11000	3.2m	2.3m	35 - 130	540/1000	12 - 150mm	5	10	1030kg	1140kg	4534m/min	8.7
120003PTL	3.56m	2.3m	45 - 130	540	12 - 150mm	4	16	1280kg	N/A	4411 m/min	9.7
15000	4.6m	2.3m	40 - 150	540/1000	12 - 150mm	7	14	1280kg	1390kg	4534m/min	12.5



The wings float up to 25° above and below the cutting plane



MAJOR 12000GR Model



12000GR and 18000GR TRAILED ROLLERMOWERS

The 12000GR and 18000GR Rollermowers are ideal for maintenance of large grassy areas such as sports grounds, golf courses, airports, racetracks and parklands. As all the gearboxes are in one line, the effective cutting widths are at a maximum.

There is no waste of cutting area from having the rotors staggered as in a belt driven machine. The machines are only as wide and as deep as the diameters of their rotors, therefore they can follow the contours of the most undulating ground and give a perfect finish every time.

The 12000GR and 18000GR have four and six rotors respectively and are mounted in three different sections. Two rotors are mounted in the main body of both machines; the others are contained in the wings.

The design of the machine ensures that no windrowing of cut material takes place due to the unique aerodynamic chamber that surrounds each blade and the rotation of each rotor. These factors cause the grass to be 'sucked'

towards the blade, cut finely and then blown, in an even layer from the rear of the machine. The 12000 model can cut up to 9.7 acres per hour and the 18000 Groundsmajor has a cutting capacity of up to 14.6 acres per hour.

Both machines are fitted with BKT turf tyres as standard. They can be hydraulically raised clear of the ground for mowing and lowered for mower transportation. The drawbar is fitted with a hydraulic ram to give additional ground clearance when the machine is in the transport position.

Features:

- Inter gearbox shock loading protection
- Wide angle PTO shaft with slip clutch and overrun
- Internal double roller bearing housing
- Swivel drawbar hitch
- Parking jack
- Scraper bars & lights as standard
- Durable two pack paint finish

Model	Working Width	Transport Width	Power (HP)	PTO rpm	Cutting Height	Rotors	Blades	Weight	Blade tip speed	Mowing Rate (Acres @ 7mph)
12000GR	3.6m	2.3m	50 - 130	540	12 - 150mm	4	16	1500kg	5931m/min	9.7
18000GR	5.4m	2.3m	60 - 180	540	12 - 150mm	6	24	1890kg	5931m/min	14.6



Wireless Remote Control

TDR16000 and TDR20000 ROTARY GANG MOWERS

The MAJOR TDR Rotary Gang Mowers lead the range of Rollermowers with cutting widths of 4.9m and 6.1m. The patented three point pivot system allows the machine to glide over the ground contours eliminating scalping of the grass.

The heavy duty rollers are fitted with internal bearings and seals to prevent water and dust contamination ensuring life long protection. The twin blade system is enclosed within an aerofoil chamber and cut material is recycled and distributed evenly in the wake of the machine.

The blades are synchronised to rotate in opposite directions and overlap each other by 75mm to ensure a perfect finish every time. A simple spanner adjustment sets and locks the cutting height of the machine by raising or lowering the rollers. The cutting height can be adjusted from from 12mm to 150mm.

As with all the MAJOR range ease of maintenance is paramount and the rear deck two stage lift allows simple maintenance to be carried out.

The slip clutch and overrun protection on the input PTO shaft coupled with the rubber buffer protection between each of the rotor gearboxes minimise damage to vital components. The machines wings can be folded up to a 90° angle giving

a transport width of 2.4m. To ensure operator safety the wings auto-stop when raised and must be reset manually when lowered. This is an important feature when operating in public areas.

All moving parts are completely enclosed and the rollers prevent debris from escaping from the under the machine. The rear deck (MAJOR 8400GR) can be removed easily and be used independently of the wings giving the operator two machines in one. The electronic in-cab remote control system allows full independent use of each deck from the comfort of the tractor. This machine is widely used by local authorities, military grounds, sports clubs, parklands and airports to name a few.

Features:

- Wide angle PTO shaft with slip clutch and overrun
- Three point pivot floating deck system
- Inter gearbox shock loading protection
- Detachable rear deck
- Adjustable drawbar hitch
- Scraper bars
- Option of swinging, rigid blades or mulching blades
- Durable two pack paint finish
- Highway LED EU specification lighting
- Hydraulic control by radio wireless remote control

Model	Working Width	Transport Width	Power (HP)	PTO rpm	Cutting Height	Rotors	Blades	Weight	Blade tip speed	Mowing Rate (Acres @ 7mph)
TDR16000	4.9m	2.4m	65 - 150	540	12 - 150mm	8	32	2260kg	4569 m/min	13.2
TDR20000	6.1m	2.4m	75 - 180	540	12 - 150mm	10	40	2675kg	4569 m/min	16.5



MJ2000

FLAIL COLLECTOR

The MAJOR MJ2000 Flail Collector has a 2m cutting width and can be adjusted to cut heights from 12mm to 250mm. The cutting head floats independently of the body ensuring a perfect finish.

The cutting head lifts for transport and locks in position giving the operator 250mm ground clearance. The collector has a volume of 3 cubic metres and a tipping height of 2m. The tipping height allows the collected material to be dropped into any trailer.

Blade changing and cutting head maintenance are easy to facilitate with the maintenance locking arm and three cubic metre hopper in tipped position and the hydraulically powered chute pulled forward.

Robustly constructed this machine is guaranteed to withstand the rigors of continuous use. Hammer blades are fitted as standard and the MJ2000 works perfectly in all conditions including fine grass collection, bracken and gorse clearance, rough cutting and scrub land collection.

This machine is used extensively by Local Authorities, golf courses, heath land management programmes and



conservation schemes where the cutting and collection of material is required.

Features:

- Wide angle auto reset PTO shaft
- Highway LED EU specification lighting
- Independent floating cutting deck
- BKT turf tyres
- Cutting deck transport lock
- Flail blades
- Galvanised top cover
- Durable two pack paint finish

Optional Extras:

- Road tyres
- Scarifying kit

Model	Overall Width	Working Width	Transport Width	Power (HP)	PTO rpm	Blade Speed	Cutting Height	Weight	Collector Capacity	Mowing Rate (Acres @ 7mph)
MJ2000	2.2m	2m	2.3m	50 - 120	540	2006m/min	12 - 150mm	1400kg	3m ³	4.98

RECENT AWARDS & ACHIEVEMENTS

Chamber of Commerce Award for Business Growth – 2008 Winner

SED Awards for Excellence for “Transport” – 2008 Runner Up

Irish Exporters Association for “Manufacturing” – 2007 Runner Up

CLIENT REFERENCES

These are references from recent customers that we are at liberty to publish.

Eton College (www.etoncollege.com)



Eton College, is an independent boarding school for boys. It was founded in 1441 by King Henry VI near Windsor. It has a very long list of distinguished former pupils, including eighteen former British Prime Ministers.

“We took delivery of a TDR16000 in early 2008 to cut grass throughout the college. We have 220 acres to cut on a 10 day rotation 12 months year - rain or shine. We get a perfect finish every time regardless of the weather. Parts support from Major and our dealer has been excellent. I would have no hesitation in recommending MAJOR TDR 16000 machine to any school or college looking for a reliable hard wearing wide area mower producing quality playing surfaces.”

John Taylor, Estate Manager, Eton College

Guards Polo Club (www.guardspoloclub.com)



Guards Polo Club is one of the most prestigious polo club in the world and is the polo club most closely associated with the British Royal Family. It is based at Smiths Lawn, in Windsor Great Park, near Windsor Castle.

“As one would expect, with some of the finest competitors in polo using these pitches, the playing surface needs to be of the highest standard. A tough task considering there are a total of 8 pitches to cut, 7 days a week, for 6 months of the year. The demands on the mowing equipment are severe but our TDR machines have never let us down. The support from MAJOR has been fantastic. Paul Esterhuizen, Grounds Manager, Guards Polo Club

Fairyhouse Racecourse (www.fairyhouseracecourse.ie)



Fairyhouse Racecourse is one of Ireland’s premier horse racing venues. It is the home of the Irish Grand National. The first race meet was held in 1848.

“We run a MJ2000 Flail Collector. It is two machines in one. We use it for cutting and collecting grass on the main racecourse during the spring and summer. During the Spring and Autumn we use it to scarify the grounds. It is such a strong and well built machine. Noel Fanning, Course Keeper, Fairyhouse Racecourse.

Haulfryn Group (www.haulfryn.co.uk)



The Haulfryn Group is a family owned holiday & residential homes company and offer only the very best in luxury homes set in beautiful surroundings in amazing locations throughout the UK.

“We replaced our ride on mowers with a tractor and MAJOR 8400GR mower. We cut grass throughout our sites and also on the golf courses. We saw one of these machines running at Windsor Racecourse and were impressed by the cut. This machine gives a professional finish, with minimum out lay and low running costs.” Tom Stobbard, Landscaping & Groundscare Manager, Haulfryn Group

PHOTO GALLERY





OTHER PRODUCTS IN OUR RANGE



Flail Mowers



Rotovators



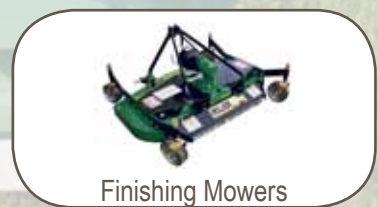
Power Harrows



Log Splitters



Stone Buriers



Finishing Mowers

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