



Agricultural Machinery Range





ABOUT US

Major Equipment Intl Ltd is a manufacturer and international exporter of a comprehensive ranges of grass cutting, slurry handling and site equipment.

Established in 1976, the company manufactures and distributes product under the MAJOR brand name.

The company's portfolio of products is extensive and includes grass and pasture toppers, flail shredders, roller-mowers, slurry tankers,

slurry injection equipment for the agricultural, site maintenance and leisure grass industries.

In addition to the manufacturing facility in Ireland, MAJOR has branches in the UK and the Netherlands, to allow the provision of tailored services to these countries.

Major's commitment is to bring you high quality, durable machinery with a full after sales support service.



TABLE OF CONTENTS

MAJOR Grass Toppers

Grass Slashers	2
Jungle Buster	3
Side Mounted Grass Toppers	4
Three Point Linkage Toppers	5
Trailed Toppers	6
Flex Wing Grass Toppers	7
Eagle Wing Grass Topper	8

Grass Toppers

MAJOR Flail Mowers, Rotovators and Stone Buriers

MT22 Flail Mower	10
MT24 Flail Mower	11
MT26 Flail Shredder	12
Rotovator	13
Stone Buriers	14

Flails, Stone Burier & Rotovator

MAJOR Slurry Handling Equipment

Side Spreader	16
Agricultural Slurry Vacuum Tankers	17
Contractor Slurry Vacuum Tankers	19
Challenger Slurry Tanker	21
Tanker standard specifications and optional extras	22
Slurry Injection Systems	25
Slurry Agitator Pumps	27

Slurry Handling Equipment

MAJOR Sweepers, Saw, Log Splitters and Post Drivers

Sweepers	29
Saw Bench	31
Log Splitters	32
Post Drivers	33

Sweeper, Saw, Log Splitter & PD



GRASS SLASHER

The MAJOR Grass Slasher is a single rotor machine ideally suited for cutting rough pastures, forestry ridges, grass verges, heathland, rushes and heather.

The blade system is capable of tackling material of up to 30mm in diameter. Each machine is fitted with two heavy duty swinging blades fitted to a compound blade beam.

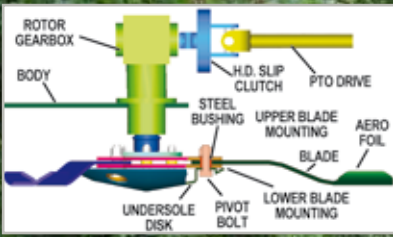
Protection is given to the tractor by using a shear-bolt in the PTO shaft. The cutting height is set by adjusting the two side skids.

The skids have wide runners preventing damage to the ground.



Slasher Blades

Model	Working Width	Transport Width	No. of Blades	No. of Rotors	Power (HP)	PTO rpm	Blade Speed	Cutting Height	Weight
601SL	1.6m (5' 2")	1.9m (6' 1")	2	1	30 - 120	540	65m/s	12-250mm	284kg
605SL-HD	1.73m (5' 8")	2m (6' 5")	2	1	30 - 120	540	72m/s	12-250mm	365kg



JUNGLE BUSTER TOPPER

The MAJOR Jungle Buster is designed for heavy duty brush and scrub cutting. This machine is robustly constructed with a 10mm deck and the blade system from the MAJOR 490 Eagle Wing topper.

The free swinging blades fall back upon obstacles virtually eliminating shock damage being carried down the transmission to the tractor. The blades have an up draught aerofoil providing an exceptional air current and in turn spreading the cut material evenly.

This heavy duty machine is CE certified with durable chains to prevent debris escaping. The slip clutch PTO shaft is fully guarded ensuring operator safety at all times.

Transmission is protected by the slip clutch, removing residual shock loading. Blades are easily changed without having to remove the sprung steel stump jumper.

FEATURES:

- 10mm Deck
- Three high lift spring steel blades
- High blade tip speeds for clean cutting
- Round skid pan (stump jumper)
- Slip clutch PTO.
- Chain guard as standard
- Heavy duty lifting chain

OPTIONAL EXTRAS:

- Heavy duty chain in lieu of blades
- Front or rear mounted operation

Model	Working Width	Transport Width	No. of Blades	No. of Rotors	Power (HP)	PTO rpm	Blade Speed	Cutting Height	Weight
605JB	1.7m (5' 6")	1.95m (6' 3")	3	1	70 - 150	1000	89m/s	50-185mm	810kg

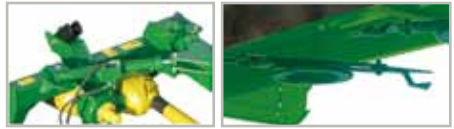


SIDE MOUNTED GRASS TOPPER

The MAJOR Side Mounted Topper is a fully offset three point linkage pasture topper with two models offering 8' (2.4m) and 9' (2.7m) cutting widths.

This machine is robustly constructed with features including overlapping twin-cut high lift swinging blades with undersole discs.

Other features include hydraulic offset with an integrated hydraulic breakaway protecting the tractor from impact damage. The floating top link ensures the cutting deck hugs the ground contours with the damper bar removing any lateral vibration.



Hydraulic breakaway system Undersole discs and swing blades

Tractor PTO protection is provided through the shearbolt and overrun.

FEATURES:

- Heavy duty transmission
- Rubber shock absorbers between rotor gearboxes.
- Full hydraulic offset control
- Hydraulic breakaway system
- High lift twin-cut ProCut swinging blades

Model	Overall Width (incl. linkage in working position)	Working Width	Transport Width	No. of Blades	No. of Rotors	Power (HP)	PTO rpm	Blade Speed	Cutting Height	Weight
800SM-HD	4.4m (14' 4")	2.4m (8')	2.22m (7' 3")	8	2	45 - 120	540	100m/s	12-250mm	550kg
900SM-HD	4.5m (14' 7")	2.7m (9')	2.22m (7' 3")	8	2	55 - 120	540	111m/s	12-250mm	640kg



THREE POINT LINKAGE TOPPER

The MAJOR Centre Mount Topper is a fully gear driven machine fitted with high speed rotors and twin cut swinging blades.

The 909HD Topper is a heavier duty version of the 9FTGDX toppers. A new blade design has a quicker flick back reducing shock loading onto gearboxes. This machine is powered by rotor gearboxes through a large horsepower splitter gearbox.

A V rated PTO shaft is supplied as standard for best power transfer. It has an overrun and slip clutch to protect the tractor PTO. Both models are robustly constructed and the

free swinging blades 'twin cut' system gives precision cutting and greater spreading.

The geared blades are timed to prevent blade collisions. To ensure there is no striping, the blades overlap by a minimal 78mm (3"). The finish is the traditional MAJOR colours and is available with castor wheels.

FEATURES:

- Heavy duty transmission
- Rubber shock absorbers between rotor gearboxes.
- Low maintenance - no belts or pulleys
- ProCut blade system

Model	Overall Width	Working Width	No. of Blades	No. of Rotors	Power (HP)	PTO rpm	Blade Speed	Cutting Height	Weight
7FTGDX-HD	2.3m (7'8")	2.1m (7')	8	2	40 - 70	540	87m/s	12-250mm	370kg
9FTGDX-HD	2.9m (9' 5")	2.7m (9')	8	2	40 - 120	540	111m/s	12-250mm	490kg
909 HD	2.9m (9' 5")	2.7m (9')	8	2	50 - 120	540	111m/s	12-250mm	560kg



Grass Toppers



9FTGD in transport position

TRAILED GRASS TOPPERS

The MAJOR Trailed Topper is a fully offset gear driven machine. It is offset for working and is folded into transport position hydraulically from the tractor seat.

This topper is available in 8', 9' and 12' cutting widths. The rotors are timed with each other and have an overlap of 3 inches (75mm). The blades rotate in opposite directions to each other and spreads the cut grass evenly behind the machine.

As the machine is fully offset there is no trampling of the pasture prior to cutting. The cutting height is set at the desired level

by moving the adjustable side skids to the appropriate position. There is a limit stop on the ram which controls the rear axle. When the operator reaches the field, the machine is offset then lowered and topping can commence. This reduces downtime.

FEATURES:

- Heavy duty transmission
- Rubber shock absorbers between rotor gearboxes
- Full hydraulic offset control
- Hydraulic breakaway system
- High lift twin-cut ProCut swinging blades
- Wide angle PTO shaft

Model	Overall Width <small>(hitch eye to outer side)</small>	Working Width	Transport Width	No. of Blades	No. of Rotors	Power (HP)	PTO rpm	Blade Speed	Cutting Height	Weight
8FTGD-HD	3.73m (12' 1")	2.4m (8')	2.6m (8' 5")	8	2	35 - 140	540	70m/s	12-205mm	550kg
9FTGD-HD	4.14m (13' 5")	2.7m (9')	2.9m (9' 5")	8	2	40 - 140	540	78m/s	12-205mm	650kg
12FTGDW-HD	4.62m (15')	3.57m (12')	2.6m (8' 5")	12	3	40 - 160	540	70m/s	12-205mm	1240kg



Flex wing design allows the machine to follow the ground contours.



FLEX WING GRASS TOPPER

The MAJOR Flex Wing Topper is a three point linkage mounted machine which folds up to give a 7'6" transport width.

Like all MAJOR machines, the Flex Wing topper is of robust construction. CE conformity is achieved through full PTO guarding and heavy rubber skirting to prevent debris from escaping.

The wing cutting decks are raised by hydraulic control to transport position. The wings are capable of flexing from -15 to +25 degrees allowing the cutting unit to follow the ground contours.

Contra-rotating swinging blades are retained in hardened steel bushing and clamped by springsteel blade backs. Undersole discs are fitted to prevent scalping and ensure a perfect finish every time.

FEATURES:

- Robust pivot points.
- Rubber shock absorbers
- Slip clutch PTO protection
- Patented transmission system
- Hydraulic wing lift
- ProCut swinging blades
- 88mm (3 1/2") blade overlap to eliminate striping

Model	Overall Width	Working Width	Transport Width	No. of Blades	No. of Rotors	Power (HP)	PTO rpm	Blade Speed	Cutting Height	Weight
12000FW-HD	3.8m (12' 4")	3.56m (12')	2.2m (7' 2")	16	4	50 - 160	540	74m/s	12-250mm	1116kg
18000FW-HD	5.6m (18' 4")	5.38m (18')	2.2m (7' 2")	24	6	60 - 160	540	74m/s	12-250mm	1395kg



EAGLE WING GRASS TOPPER

The MAJOR 490EW grass topper is the number one choice of farmers for grassland and set-aside, military authorities for cutting training areas and bases, airports for inner runway maintenance, racecourses and stud farms for pasture improvements and local authorities.

Practical, simple engineering are the key elements in the design of this robust and flexible mower. The blade lift and aerofoil combination disperses cut grass evenly

STANDARD FEATURES:

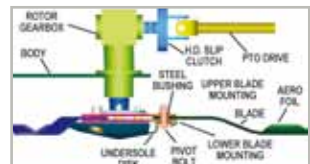
- Three rotors with three blades per rotor
- Four gear box drive, with independent slip clutch and two year warranty
- Wide angle shaft (80°) constant velocity U-joint for continuous cutting
- Road lighting kit with flashing beacon
- 24 ply virtually puncture proof aircraft tyres
- Floating front swivel hitch and frame allows the machine to follow the grounds contours
- 153 mm (6") blade overlap and high blade tip speeds ensure clean cutting



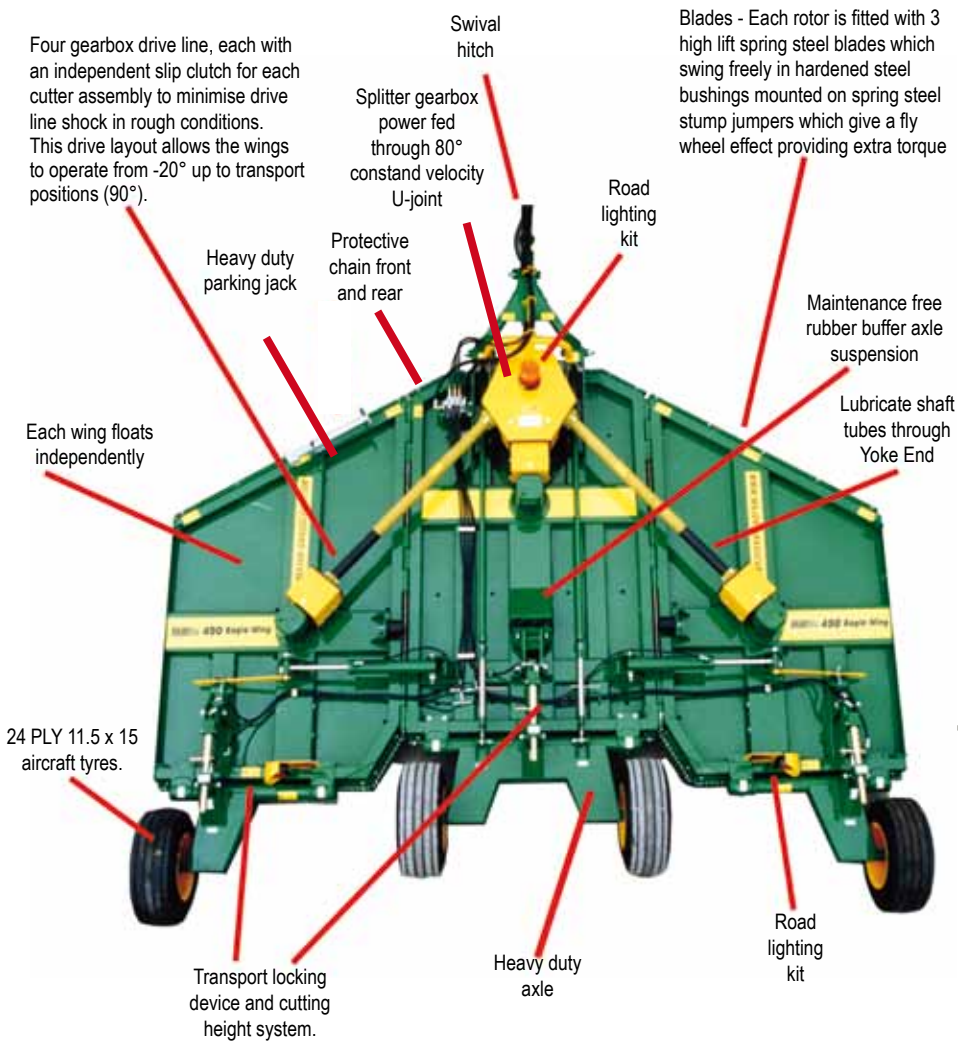
Simple height adjustment system for perfect cutting everytime



Maintenance free suspension removes shock loading and stress



*Blade Cutting System
Three high lift blades and skid pan*



Model	490EW
Overall Width	5.1m (16' 7")
Working Width	4.9m (16')
Transport Width	2.3m (7' 6")
Transport Height	2.25m (7' 4")
No. of Blades	9
No. of Rotors	3
Power (HP)	90 - 180
PTO rpm	1000

Blade Speed	17520 f/min (89m/s)
Cutting Height	24 - 410mm (1"-16")
Blade Overlap	155mm (6")
Weight	2750Kg
Wing Float	90° Up, 20° Down
Input Gearbox	120HP continious
Rotor Gearbox	75HP continious
Input PTO Shaft	V 80 Wide Angle
Rotor PTO shaft	T 60 Slip Clutch



MT22 Hammer Blades

MT22 FLAIL MOWER

Flails, Stone
Burner & Rotovator

This is a sturdy and compact shredder/flail mower with standard 3 point linkage (rear or front mounted).

This machine is suitable for small spaces and for use on all kinds of grass including heathland and bracken.

It is also suitable for pruning in the most different working conditions such as vineyards, orchards and green areas.

FEATURES:

- Three point Cat. I linkage
- Gearbox with rear PTO and free wheel
- Standard driveline
- Rear roller
- Option of knives or hammers
- Front protection flaps
- Hydraulic side shift (MT22-170 model)

OPTIONAL EXTRAS:

- Front mount kit

Model	Overall Width	Working Width	Hammers	Power (HP)	PTO rpm	Weight
MT22-105	1.18m	1.05m	12	15 - 50	540/1000	225kg
MT22-140	1.5m	1.38m	16	30 - 60	540/1000	263kg
MT22-170	1.82m	1.7m	20	45 - 90	540/1000	310kg



MT24 FLAIL MOWER

The MAJOR MT24 Flail Mower is a robust machine designed for heavy grass cutting. The machine is offset by hydraulic control as standard.

The sturdy compact structure has a heavy gauge balanced rotor, mounted on self aligning bearings.

Specially shaped all purpose hammers make short work of even the toughest grass, grapevine shoots and bracken.

The rear flap can be opened out allowing the grass to discharge freely.

FEATURES:

- Three point linkage CAT II
- Hydraulic side shift
- Free wheel inside gearbox
- Rear roller
- Side skids
- Adjustable rear cover
- Rotor with hammers
- Complies to CE safety standards

Model	Overall Width	Working Width	Hammers	Power (HP)	PTO rpm	Weight
MT24-230	2.44m	2.28m	18	60 - 120	540/1000	580kg
MT24-280	2.92m	2.76m	22	80 - 120	1000	725kg



MT26 Hammer Blades

MT26 FLAIL SHREDDER

Flails, Stone
Burner & Rotovator

The MAJOR MT26 flail can be fitted to any tractor front or rear Cat II linkage, independently of the PTO direction.



This machine is suitable for the clearance of small trees, bush and heavy grass in amenity areas and on the verges of highways. It is also suitable for trimming grass and lighter growth as the blades can be easily changed.

As with all MAJOR products this flail is CE certified and includes safety features such as PTO guarding and safety flaps. The flail can be easily manoeuvred around obstructions by hydraulic control.

FEATURES:

- Double 3 point linkage(front and rear) CatII
- Hydraulic side shift
- PTO shaft c/w overrun
- Gearbox with double PTO
- Rear roller and side skids
- Protection flaps

Model	Overall Width	Working Width	Hammers	Power (HP)	PTO rpm	Weight
MT26-180	1.99m	1.8m	14	40 - 100	540/1000	560Kg
MT26-200	2.23m	2.04m	16	50 - 100	540/1000	620Kg
MT26-230	2.47m	2.28m	18	60 - 120	540/1000	730Kg
MT26-280	2.95m	2.76m	22	80 - 130	1000	860Kg



MAJOR ROTOVATOR

The MAJOR Rotovator tills the ground by pulverising loose clods leaving a levelled surface.

The machine is tractor mounted with standard three point linkage Cat 1 and is ideal for use with small to medium sized compact tractors.

As with all MAJOR machines, the MAJOR Rotovator comes complete with PTO shaft, top link pin and lower hydraulic arm pins for ease of set up and operation.

FEATURES:

- 3 point linkage Cat 1
- Side chain drive
- Depth adjustment via skids
- Four curved blades on each flange
- PTO shaft
- Slip clutch on drive line
- Counterflanges

Model	Overall Width	Working Width	Blades	Power (HP)	PTO rpm	Working Height	Weight
MZ6-125	1.39m	1.25m	20	25 - 60	540	20 - 100mm	225Kg
MZ6-145	1.59m	1.45m	20	35 - 70	540	20 - 100mm	250Kg
MZ6-165	1.79cm	1.65m	24	40 - 90	540	20 - 100mm	275Kg



MZ6SXL Stone Burier



MZ15CX Stone Burier



STONE BURIER

Major Stone
Burier & Rotovator

The MAJOR Stone Burier is suitable for ground preparation in agricultural, amenity and local authority applications.

There are six models in the range with working widths from 1.25m to 2.6m. Horsepower requirements are kept to a minimum due to

the reverse rotation of the rotor. The roller width is greater than the blades, which allows the machine to overlap on each pass.

The MZ6 and MZ10 models are equipped with an offset facility.

Model	Overall Width	Working Width	Offset Distance mm	Blades	Working Depth	Power (HP)	PTO rpm	Weight
MZ6SXL 125	1.38m	1.25m	60 65 24 101	30	100mm	22 - 60	540	390Kg
MZ6SXL 145	1.58m	1.45m	67 78 24 121	36	100mm	30 - 70	540	420Kg
MZ6SXL 165	1.78m	1.65m	76 89 24 141	36	100mm	35 - 90	540	460Kg
MZ10XL 205	2.46m	2.05m	100 105 85 120	42	230mm	60 - 120	540	770Kg
MZ15CX 230	2.8m	2.3m	none	54	250mm	70 - 140	540/1000	1190Kg
MZ15CX 260	3.05m	2.55m	none	60	250mm	90 - 180	540/1000	1380Kg

STONE BURIER



HOW IT WORKS:

The MAJOR Stone Burier can be used on rocky soil, tilling lawn and turf soils. The reverse tine action saves time by allowing, in one pass, burying of stone, grass and rubble to leave a smooth, stone free surface.

STANDARD FEATURES - MZ6SXL Model (for tractors up to 45 HP):

- 3 point linkage Cat 1
- Side transmission through reinforced chain
- Depth adjustment via roller
- Six square blades per flange
- Drive line with torque limiter
- Oil bath waterproof rotor supports
- Levelling bar
- Counterflanges
- Packer roller

STANDARD FEATURES - MZ10XL Model (for tractors up to 80 HP)

- 3 point linkage Cat 1 and 11
- Side transmission through reinforced chain
- Hydraulic depth adjustment via levelling roller in expanded metal
- Six square blades per flange
- Drive line with torque limiter
- Oil bath waterproof rotor supports
- Counterflanges
- Packer roller

STANDARD FEATURES - MZ15CX Model (for tractors up to 120HP)

- 3 Point Linkage Cat II
- Side transmission through reinforced chain
- Depth adjustment via levelling roller (cage or packer roller)
- Six square blades per flange
- Drive line with torque limiter
- Three speed gearbox (2 speeds at 540 RPM and 1 speed at 1000RPM)
- Oil bath waterproof rotor supports



Spreader chains



MAJOR SIDE SPREADER

The MAJOR Muck-Out will handle both slurry and soil manure with a 7.5 cubic yard capacity. The main rotor runs on 2" bearings and is powered through a robust chain and sprocket drives set.

All models are equipped with heat treated and case hardened flail chains which are anchored to the rotor. As standard a solid

timber rail provides protection from front end loading damage. HP requirement = 50Hp.

Slurry/Handling
Equipment

TYRE CHART	
W	D
	W = Width D = Depth

MODEL	750SP1
Capacity	1261 Gallons 5734 Litres
OA Length (Hitch to tank end)	4.5m
OA Width (Tyre dependant)	2.3m
OA Height (Add tractor hitch)	2.25m
Weight (Empty)	1655Kg
Weight (Full)	4835Kg

21.3 R24	550/60X22 Radial	16.5X22.5	15X22.5
W: 540 D: 1400	W: 550 D: 1232	W: 425 D: 1130	W: 385 D: 1100



1700 Standard Tanker on 21.3 R24 tyres



1900 LGP Tanker on 30.5 R32 tyres

AGRICULTURAL TANKERS STANDARD AND LGP SPEC

This is the newly designed range of agricultural slurry tankers from MAJOR. Capacities available from 1150 to 2000 gallons. See the specification tables for more details.

There is a detachable parking stand and PTO holder fitted as standard.

All MAJOR tankers are constructed from 6mm steel for maximum strength. The axle is a heavy duty agricultural specification axle.

Rubber buffers are fitted as standard on the drawbar. They make the tanker easier to tow and gives a smoother journey.

TYRE OPTIONS AVAILABLE ON STANDARD AGRICULTURAL TANKERS:

					
Tyre	15 x 22.5	16.5 x 22.5	550/45/22.5	550/60/22.5	21.3 R24
W (mm)	385	420	542	550	540
D (mm)	1080	1100	1080	1170	1400
<i>Available on:</i>					
1150 Std	•	•	•	•	•
1400 Std	n/a	n/a	n/a	•	•
1500 Std	n/a	n/a	n/a	•	•
1700 Std	n/a	n/a	n/a	•	•
2000 Std	n/a	n/a	n/a	•	n/a

TYRE OPTIONS AVAILABLE ON AGRICULTURAL LGP TANKERS:



Tyre	23.1 R26	28.1 R26	30.5 R32
W (mm)	590	740	760
D (mm)	1600	1780	1830
<i>Available on:</i>			
1500 LGP	•	•	n/a
1700 LGP	•	•	•
1900 LGP	•	•	•

STANDARD AGRICULTURAL TANKER SPECIFICATIONS:

Model	Tyre option	Capacity		OA Length	OA Width	OA Height	Wheel Arch	Weight (Kg)		Sprung Drawbar
		Gallon	Litres	(Hitch to coupling ball)	(Depends on tyre)	(Hitch at 0.4m)		Empty	Full	
1150 Std	15 x 22.5	1150	5228	4.95m	2.31m	2.88m	N/A	2120	7347	Standard
	16.5 x 22.5	1150	5228	4.95m	2.31m	2.88m	N/A	2120	7347	Standard
	550/45/22.5	1150	5228	4.95m	2.31m	2.88m	N/A	2120	7347	Standard
	550/60/22.5	1150	5228	4.95m	2.31m	2.88m	N/A	2120	7347	Standard
	21.3 R24	1150	5228	4.95m	2.31m	2.92m	N/A	2120	7347	Standard
1400 Std	550/60/22.5	1400	6365	5.82m	2.61m	3.0m	N/A	2400	8765	Standard
	21.3 R24	1400	6365	5.82m	2.61m	3.0m	N/A	2400	8765	Standard
1500 Std	550/60/22.5	1495	6796	5.82m	2.61m	3.0m	N/A	2400	9195	Standard
	21.3 R24	1495	6796	5.82m	2.61m	3.0m	N/A	2400	9195	Standard
1700 Std	550/60/22.5	1685	7660	6.3m	2.61m	3.1m	N/A	2550	10209	Standard
	21.3 R24	1685	7660	6.3m	2.61m	3.1m	N/A	2550	10209	Standard
2000 Std	560/60/22.5	2040	9274	6.4m	2.65m	3.15m	N/A	3199	12472	Standard

AGRICULTURAL LGP TANKER SPECIFICATIONS:

Model	Tyre option	Capacity		OA Length	OA Width	OA Height	Wheel Arch	Weight (Kg)		Sprung Drawbar
		Gallon	Litres	(Hitch to coupling ball)	(Depends on tyre)	(Hitch at 0.4m)		Empty	Full	
1400 LGP	23.1 R26	1400	6365	5.85m	2.65m	3.15m	YES	3520	10270	Standard
	28.1 R26	1400	6365	5.85m	2.65m	3.15m	YES	3520	9975	Standard
1500 LGP	23.1 R26	1485	6750	5.85m	2.65m	3.15m	YES	3520	10270	Standard
	28.1 R26	1420	6455	5.85m	2.65m	3.15m	YES	3520	9975	Standard
1700 LGP	23.1 R26	1675	6714	6.35m	2.65m	3.15m	YES	3675	11289	Standard
	28.1 R26	1610	7319	6.35m	2.65m	3.15m	YES	3675	10993	Standard
	30.5 R32	1610	7319	6.35m	2.65m	3.15m	YES	3675	10993	Standard
1900 LGP	23.1 R26	1920	8728	6.35m	2.55m	3.18m	YES	3260	12342	Standard
	28.1 R26	1920	8728	6.35m	2.65m	3.2m	YES	3486	12213	Standard
	30.5 R32	1920	8728	6.35m	2.69m	3.2m	YES	3494	12221	Standard



CONTRACTOR SPEC LGP SLURRY TANKER

The MAJOR LGP Tanker is a robust vehicle designed and manufactured with the larger producer or contractor in mind. The MAJOR LGP Tanker is unique in design, in that the barrel is supported by a separate chassis.

The position of the axle relative to the machine length means that a perfect balance is achieved with 80% of the weight running on the tanker's

axle and the remainder being carried on the tractor drawbar.

The tanker is baffled to prevent 'wave' motions during transport. It is mounted on wide support pads to spread the weight reducing tension and stress. 6" filler points are placed on the sides and rear of the tank. A 6" inspection and wash out point is fitted to the front of the tank.

Slurry Handling
Equipment

TYRE OPTIONS AVAILABLE ON CONTRACTOR LGP TANKERS



Tyre	28.1 R26	29.5/75 R25	30.5 R32	800/60/R34
W (mm)	740	750	760	800
D (mm)	1780	1730	1830	1824
<i>Available on:</i>				
2050 Contractor LGP	•	•	•	•
2250 Contractor LGP	•	•	•	•
2400 Contractor LGP	•	•	•	•
2600 Contractor LGP	n/a	•	•	•
3100 Contractor LGP	n/a	•	n/a	•

CONTRACTOR LGP TANKERS SPECIFICATIONS:

Model	Tyre option	Capacity		OA Length	OA Width	OA Height	Wheel Arch	Weight (Kg)		Sprung Drawbar
		Gallon	Litres	(Hitch to coupling ball)	(Depends on tyre)	(Hitch at 0.4m)		Empty	Full	
2050 LGP	28.1 R26	2050	9319	7.0m	2.63m	3.2m	YES	4120	13065	Standard
	29.5/75 R25	2050	9319	7.0m	2.63m	3.2m	YES	4120	13065	Standard
	30.5 R32	2050	9319	7.0m	2.63m	3.2m	YES	4120	13065	Standard
	800/60/R34	2050	9319	7.0m	2.63m	3.2m	YES	4120	13065	Standard
2250 LGP	28.1 R26	2250	10228	6.6m	2.63m	3.2m	YES	3916	13630	Standard
	29.5/75 R25	2250	10228	6.6m	2.63m	3.2m	YES	3916	13630	Standard
	30.5 R32	2250	10228	6.6m	2.63m	3.2m	YES	3916	13630	Standard
	800/60/R34	2250	10228	6.6m	2.63m	3.2m	YES	3916	13630	Standard
2400 LGP	28.1 R26	2400	10910	7.0m	2.65m	3.35m	YES	4250	14950	Standard
	29.5/75 R25	2400	10910	7.0m	2.65m	3.35m	YES	4250	14950	Standard
	30.5 R32	2400	10910	7.0m	2.65m	3.35m	YES	4250	14950	Standard
	800/60/R34	2400	10910	7.0m	2.65m	3.35m	YES	4250	14950	Standard
2600LGP	29.5/75 R25	2600	11819	7.3m	2.65m	3.35m	YES	4350	15590	Standard
	30.5 R32	2600	11819	7.3m	2.65m	3.35m	YES	4350	15590	Standard
	800/60/R34	2600	11819	7.3m	2.65m	3.35m	YES	4350	15590	Standard
3100 LGP	29.5/75 R25	3100	14092	8.3m	2.65m	3.35m	YES	4650	18600	Standard
	800/60/R34	3100	14092	8.3m	2.65m	3.35m	YES	4650	18600	Standard



MAJOR 2050LGP with a 6.4m trailing shoe injector



MAJOR 3100LGP on 800/60/R34 tyres



MAJOR 3100LGP with a 5.2m disc injector



MAJOR 2600LGP with a 6.4m trailing shoe injector



CHALLENGER SLURRY TANKER

The MAJOR Challenger Tanker is a fresh approach to tandem axle tankers.

Using a heavy duty industrial strength bogey axle assembly, the front axle can be lifted by hydraulic control.

This allows the operator to turn tighter corners on the headlands or in the yard and eliminates damage to soil structure, ground conditions and tyres.

The axle lift also acts as a weight transfer mechanism to the tractor and aids traction. When the tank is full, the drawbar weight can be increased from 3.3 tonne to 4.7 tonne when the lift mechanism is activated.

This machine features a host of standard equipment including adjustable drawbar, swivel hitch and lockable pipe brackets. As with the LGP range the Challenger series is easily customised with a range of optional extras detailed on the next page.

The Challenger tanker is fitted with filler points on each side of tanker and two on the rear.

A hydraulic powered vacuum pump is fitted as standard, eliminating PTO shaft maintenance or spinning PTO shafts to work around. This creates a safer environment for the operator.

The hydraulic pump drive and lift axle maintain vacuum pressure.

Model	Capacity	OA Length (Hitch to coupling ball)	OA Width (Tyre dependant)	OA Height (Add tractor hitch)	Weight (Empty)	Weight (Full)
3000C	3000 Gallon	8.06m	2.64m	3.38m	6800Kg	20080Kg
3500C	3500 Gallon	8.06m	2.64m	3.6m	7600Kg	22300Kg

TECHNICAL SPECIFICATIONS

- Standard □ Optional Extra n/a Not available

General	1150 - 2000 Agricultural Slurri Vac	1150 - 1900 Agricultural LGP	2050 - 3100 Contractor LGP Tanks	Challenger Tankers
PTO shaft	●	●	●	●
Road lighting kit	●	●	●	●
Four side fill points (3 blanked)	●	●	●	●
Quick release coupling	●	●	●	●
Low angle discharge plate	●	●	●	●
Sight glasses front & rear	●	●	●	●
Hydraulic rear gate valve	●	●	●	●
Finish				
Painted finish (two pack)	●	●	●	●
Custom Paint Finish	□	□		□
Pumps				
8000 Litre pump	●	●	●	●
10000/12000 litre pumps in lieu of 8000 litre	□ (10,000 L only)	□	□	□
8000/10000 & 12000 Litre PTO Driven Pump	□	□	□	□
Hoses				
15 ft long 6" Vacuum Hose	●	●	●	n/a
20 ft long 6" Vacuum Hose	□	□	□	●
Mudguards				
Mudguards & Rails	□	□	●	●
Pipe rack on both sides	●	●	●	●
Brakes				
Hand brake	●	●	●	●
Single hydraulic brakes	●	●	n/a	n/a
Dual hydraulic brakes	n/a	n/a	●	●

Additional Items	1150 - 2000 Agricultural Sluri Vac	1150 - 1900 Agricultural LGP	2050 - 3100 Contractor LGP Tanks	Challenger Tankers
Top trap	●	●	●	●
Adjustable drawbar	n/a	n/a	●	●
Integral sump	n/a	n/a	●	●
Siphon trap	n/a	n/a	●	●
800mm hydraulic back door	n/a	n/a	●	●
Swival hitch	●	●	●	●
Adjustable hitch	n/a	n/a	●	●
12" front inspection port	□	□	□	●
Lockable pipe brackets	□	□	□	●
Hinged Back Door	□	□	□	●
Hydraulic Top Hatch c/w hoses	□	□	□	□
Washdown Hose Assembly c/w couplings	□	□	□	□
High capacity reel & drain cleaning pump	□	□	□	□
Sidefill c/w coupling and manual valve	□	□	□	□
Cyclone Trap	□	□	□	□
Rear Filler	□	□	□	□
6" Auto Filler c/w hydraulic changeover	□	□	□	□
8" Auto Coupler c/w hydraulic changeover	□	□	□	□
Full length sight gauge	□	□	□	□
Additional sight glasses	□	□	□	□
Air Brakes and Air/Hydraulic Brakes	□	□	□	□
Breakaway System	n/a	n/a	□	□
Buttress	n/a	n/a	□	□
Road Blaster Bar	n/a	□	□	□
Water Spinner	□	□	□	□
Road Sweepers	n/a	n/a	□	□
Garda 8000/10000/12000 Litre Pump c/w Raingun and hydraulic motor	□	□	□	□
Hyd. drive 8000 litre pump	□	□	□	□
Turbo chopper pump	n/a	n/a	□	□

WHY CHOOSE A MAJOR LGP TANKER

1. The drawbar and chassis are independent from the tank unlike competitors' machines where the tank and chassis is one unit. The MAJOR design prevents cracking and extends the life of the tank.
2. The main tank barrel is 6mm thick and sits on support plates. This helps ensure that the tank doesn't crack.
3. The dished ends on MAJOR tankers are 6mm steel and are robotically welded to increase the strength of the tank
4. The back door on MAJOR tankers is 30" (75cm) to allow ease of access to maintain and clean the tanker. The industry standard is a much smaller 20" (51cm).
5. A MAJOR tank is fully baffled which prevents wave motions thus increasing operator safety
6. All MAJOR tankers have supports within the tanker to keep the tanker in good working order.
7. There are four fill points as standard on all MAJOR tankers. One is complete with a gate valve with the three remaining points available for future use.
8. High speed axles are fitted as standard on MAJOR tanks and are certified to 100km/hr by the axle manufacturer. This is only offered as an optional extra on competitors tanks.
9. MAJOR use quality suppliers for raw materials and components. For example Battioni pumps are used on all tankers. These are a tried and tested product in the industry, with a full spares service available.
10. MAJOR tankers hold their value. You will always get more for a second hand MAJOR machine than a similar product from another manufacturer.



Road lighting kit



30" back door



Supporting plates



TRAILING SHOE SLURRY INJECTOR

The NEW MAJOR MJTS6430 Slurry Applicator covers an area of 6.4m with 30 outlets.

Slurry enters the Vogelsang macerator through the 4" bauer coupling and is distributed through the 40mm outlets. A large capacity sump is located under the macerator which collects debris. It can be cleaned out easily, without the use of tools.

The 40mm distribution pipes are finished off with couplings to allow simple maintenance of the rubber nozzles.

The high tensile springs use the high carbon steel coulters to split the grass – allowing the slurry to run on the ground.

Pneumatic wheels are fitted as standard letting the frame follow the ground contours.

The ExaCut Macerator is fitted with an integrated foreign body separator to prevent debris from blocking the outlets. It also contains self sharpening and self adjusting blades meaning reduced maintenance times.

FEATURES:

- Fully galvanised body
- Mechanical suspension
- Integrated spreader unit
- Automatic mechanical shut-off
- High carbon steel coulters
- Vogelsang ExaCut macerator
- Full road lighting kit

Model	Transport Width	Weight	Spreader Outlet	Hydraulic Requirement
MJTS6430	2.7m	1100Kg	40mm	50 - 70 litre/min @ 230 bar max



MAJOR DISC SLURRY INJECTOR

The MAJOR Disc Injector is a combined soil fertilising and furrowing machine with a working depth from 20mm (3/4") to 60mm (2 1/2").

A powerful Vogelsang macerator delivers slurry evenly through 40mm pipes. The slurry is inserted into slits created by the spring steel self sharpening cutting disks. The unit folds hydraulically giving a 2.4m transport width.

The MAJOR Disc Injector operates best in grass/stubble of a height between 60-100mm (2 1/4 - 4").

When working, the spring loaded discs create slits of 20-60mm deep which are completely filled with slurry. The slurry is only visible as narrow strips between the grass. The distance between the slits is 200mm (8").

FEATURES:

- 300mm self sharpening solid cutting discs spaced at 200mm (8") intervals
- Automatic mechanical shoe shut off to prevent spillage
- Mechanical suspension on individual discs
- Individual disk steerage
- Depth regulated by hydraulic linkage

For more detailed information about the MAJOR range of injectors, please ask your MAJOR representative for our Slurry Injector flyer.

Model	Transport Width	Weight	Spreader Outlet	Hydraulic Requirement	Spread Capacity	Working Depth
MAJOR 5.2m	2.4m	1380Kg	40mm	50 - 70 litre/min @ 230 bar max	10 - 30 m ³ / ha	20 - 60 mm



AG7500

SLURRY PUMP

The MAJOR AG7500 Slurry Pump is designed to reduce the workload of the farmer and contractor.

It includes features such as the quick attach system. This pump can be lifted and lowered from the tank without removing the PTO shaft.

The nozzle rotates easily and can be locked in any position with a spring loaded pin. There is an adjustable hydraulic ram to suit individual tractors. The grid and removable rear walkway ensure operator safety. The tractor is protected from damage with a shearbolt in the PTO shaft.

FEATURES:

- Quick attach lower linkage
- 310 degrees of horizontal adjustment with spring loaded lock
- Screw thread type adjuster to open and close nozzle c/w lock
- Marine bearing
- Chopper blade
- Fully galvanised body and frame
- Compact impeller head

Model	Drive	Working Depth	Power (HP)	PTO RPM	Weight (Kg)	Output (l/min)
AG7500	PTO	7'7"	100	1000	595	13270



MIX N' PUMP SLURRY AGITATOR PUMP

The MAJOR Mix 'n' Pump Agitator features an attachment mechanism which cuts the attachment time by half.

Operation of the pump is user friendly due to the cranked lower link bar and the hydraulic top link which sets the machine in the working position without having to detach and re-attach the PTO shaft.

The agitator impeller case is moulded to achieve the maximum pull on the material, most effective shearing action and greatest throw at the optimum speed without cavitation.

There are two models available – the AG6000 with a 6' working depth and the AG8000 with an 8' working depth.

FEATURES:

- Three point linkage c/w hyd. top link
- Cat II lower link quick coupling
- Oil bath lubricated chain drive transmission
- Fully galvanised body
- Simple set up and operation from tractor cab

Model	Drive	Working Depth	Power (HP)	PTO RPM	Weight (Kg)	Output (l/min)
AG6000	Chain	6'	70	540	540	9240
AG8000	Chain	8'	70	540	560	9240

RANGE OF SWEEPERS

The Major range of sweepers are perfect for roadside maintenance, yard cleaning and spillage clearance.

All models are easily connected using three point linkage and can sweep to the left or right.

The patented floating brush follows the ground contours and the unique mounting system allows the operator to raise and lower the machine easily. The two tractor mounted models are suitable for 40hp tractors and up.



FEATURES - all models:

- Direct drive brush
- Compact hydraulic motor with needle bearings
- Dual taper roller bearings encased in steel housing on idle end
- Hydraulic motor is protected
- Rotary brush assembled in sections with a choice of bristle types
- 24" diameter brush

MAJOR ROAD SWEEPER (7FTSRR)



FEATURES:

- Floating brush follows ground contours
- Castor wheels
- Complete protection to drive line
- Rotary brush assembled in sections with a choice of bristle types
- Bristles protected from damage when in storage
- Support stand for ease of mounting and dismounting

MAJOR SITE SWEEPER (7FTJCB)



FEATURES:

- 7' body width
- Quick fit attachment to bucket
- Two screw jacks for simple brush adjustment
- Support stand for mounting and dismounting
- As standard, the finish is galvanised. A painted finish is an optional extra.

MAJOR BUCKET AND BRUSH COMBO SWEEPER (7FTRS)



FEATURES:

- 7' body width
- Quick fit attachment to bucket
- Two screw jacks for simple brush adjustment
- Powerful hydraulic loading power
- Support stand for mounting and dismounting
- Galvanised finish



CHOICE OF BRUSHES:

1. All polypropylene - for use in a livestock environment
2. Mixture of steel wire and polypropylene for general duties
3. All steel for tough abrasive work



SAW BENCH

The MAJOR Swinging Saw Bench fits on the tractor 3 point linkage and can cut up to 28cm (11") in depth.

It is equipped with a depth gauge and an extension piece for holding longer logs.

The machine is fitted with wheels and an extending handle allowing the operator to easily tow the machine by hand into storage.

Safety is paramount with both hands used in locking the material in place and for operating the swinging bench.

The saw blade can be isolated from the PTO drive by the red pedal located at the base of the machine

MODEL	SAT Saw
Paint	Two pack paint
	Oven baked
	Contains hardener
Working Width	28cm (11")
Power requirements	24 - 60 kW/ 30 - 80 hp
PTO Drive	540 rpm
Safety features:	both hands used in locking the material in place and for operating the saw bench
Other Features:	Adjustable leg extension
	Safety strap
	Wheels for ease of storage

RANGE OF LOG SPLITTERS

The MAJOR Log Splitter range has three models available. All models are robustly constructed to withstand the punishment of continuous use. Safety is paramount at Major, with the operator required to use both hands to control the hydraulic ram.



MODEL	LS2000		
Paint	Two pack paint with hardener, oven baked		
Blade	Wedge blade of high carbon steel		
Operation	Category 1 tractor linkage		
Features	Single person operation		
Length	1950mm	Height	1120mm
Max Log Size	560mm	Pressure	14 tonne
Weight	126Kg		



MODEL	LS3000		
Paint	Two pack paint with hardener, oven baked		
Blade	Wedge blade of high carbon steel		
Operation	Category 1 tractor linkage		
Features	Single person operation		
Length	710mm	Height	1450mm
Max Log Size	380mm	Pressure	14 tonne
Weight	110Kg		



MODEL	LS4000		
PAINT	Two pack paint with hardener, oven baked		
Blade	Wedge blade of high carbon steel		
Operation	Single phase electric		
Features	Single person operation		
	Adjustable frame and automatic adjustable stroke		
	Wheel mounted for ease of movement		
Length	500mm	Height	1800mm
Max Log Size	630mm	Pressure	10 tonne
Weight	100Kg		



MAJOR POST DRIVER

MODEL	Post Driver Standard Model
PAINT	Two pack paint Oven baked Contains hardener
Hammer weight	350Kg
Hydraulic top link	not supplied, but 3 ports plumbed
Ram on leg of PD	supplied to level the PD if ground uneven
Rope	MAJOR use heavy duty nylon rope; Competitors use wire rope. The nylon rope will wear over time but it is much easier to see and will not snap like wire rope on competitors. This prevents serious accidents to the operator.
Overall weight	800Kg
Attachment to tractor	3 point linkage
Post size	Max 11' x 12" dia
Grease points	8 and slider

Head Office

Major Equipment Intl Ltd
Ballyhaunis, Co. Mayo, Ireland
Tel: + 353 (0) 9496 30572
Fax: + 353 (0) 9496 30788
Email: info@major-equipment.com

UK Office

Major Equipment Ltd
Major Industrial Estate,
Middleton Road, Heysham,
Lancs, LA3 3JJ, UK
Tel: + 44 (0) 1524 850501
Fax: + 44 (0) 1524 850502
Email: ukinfo@major-equipment.com

Deutschland & Nederland

Major Equipment Intl Ltd
Postbus 29, NL-7700 AA, Dedemsvaart, Nederland.
Tel: + 31 (0) 6389 19585
Fax: + 31 (0) 523 615451
Email: euinfo@major-equipment.com