



## MAJOR Agricultural Machinery Range





# ABOUT US

Major Equipment Intl Ltd is a manufacturer and international exporter of one of the most comprehensive ranges of grass cutting, slurry handling & 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 pasture toppers, flail shredders, roller-mowers,

slurry tankers, slurry injection equipment for the amenity, 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.

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



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# GRASS SLASHER

Grass Toppers

The Major Grass Slashers are single rotor machines ideally suited for cutting rough pastures, forestry ridges, grass verges, heathland and areas where rushes and heather prevail.

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.

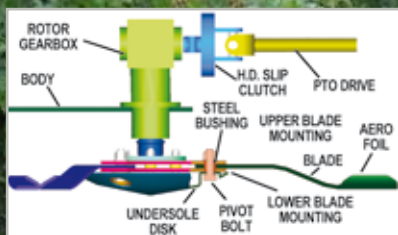
Protection is given to the tractor by using a shear-bolt in the PTO shaft. The cutting height is set by adjusting the two side skids.

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	25 - 50	540	65m/s	12-250mm	284kg
605SL	1.73m (5' 5")	2m (6' 5")	2	1	30 - 60	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 aero-foil 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:

- HD 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
JB605	1.7m (5' 5")	1.95m (6' 3")	3	1	70 - 150	1000	89m/s	50-185mm	750kg



# SIDE MOUNTED GRASS TOPPER

Grass Toppers

The MAJOR Side Mounted Topper is a fully offset three point linkage mounted pasture topper with two models offering 8' & 9' 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 & swing blades

Tractor PTO protection is provided through the shearbolt & 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	4.4m (14' 4")	2.4m (8')	2.22m (7' 3")	8	2	26-60	540	100m/s	12-250mm	550kg
900SM	4.5m (14' 7")	2.7m (9')	2.22m (7' 3")	8	2	37-67	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 Pasture Topper is the 9FTGDGX's big brother, designed for tractors with larger HP. 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 & 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 with the traditional MAJOR colours & 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	Working Width	Transport Width	No. of Blades	No. of Rotors	Power (HP)	PTO rpm	Blade Speed	Cutting Height	Weight
9FTGDGX	2.7m (9')	2.91m (9' 5")	8	2	30 - 60	540	111m/s	12-250mm	490kg
909 HD	2.7m (9')	2.91m (9' 5")	8	2	52 - 90	540	111m/s	12-250mm	560kg



9FTGD in transport position

# TRAILED GRASS TOPPERS

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' & 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 in the field.

## 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 (hitch eye to outer side)	Working Width	Transport Width	No. of Blades	No. of Rotors	Power (HP)	PTO rpm	Blade Speed	Cutting Height	Weight
8FTGD	3.73m (12' 1")	2.4m (8')	2.6m (8' 5")	8	2	26-45	540	228m/s	12-205mm	550kg
9FTGD	4.14m (13' 5")	2.7m (9')	2.9m (9' 5")	8	2	26-60	540	255m/s	12-205mm	650kg
12FTGD	4.62m (15')	3.57m (12')	2.6m (8' 5")	12	3	30-68	540	228m/s	12-205mm	1100kg



*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.

Computer engineered to maximise efficiency, the MAJOR Flex Wing topper is of robust construction. CE conformity is achieved through full PTO guarding & 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 & 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	3.8m (12' 4")	3.56m (12')	2.2m (7' 2")	16	4	37-56	540	74m/s	12-250mm	1116kg
18000FW	5.6m (18' 4")	5.38m (18')	2.2m (7' 2")	24	6	56-68	540	74m/s	12-250mm	1395kg



# EAGLE WING GRASS TOPPER

Grass Toppers

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:

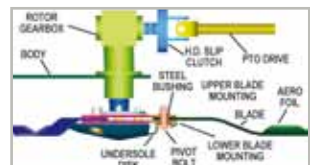
- Three rotors with three blades per rotor
- Four gear box drive, with independent slip clutch and two year warranty
- Wide angle shaft (80°) constant velocity U-joint for continuous cutting
- Road lighting kit with flashing beacon
- 24 ply virtually puncture proof aircraft tyres
- Floating front swivel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



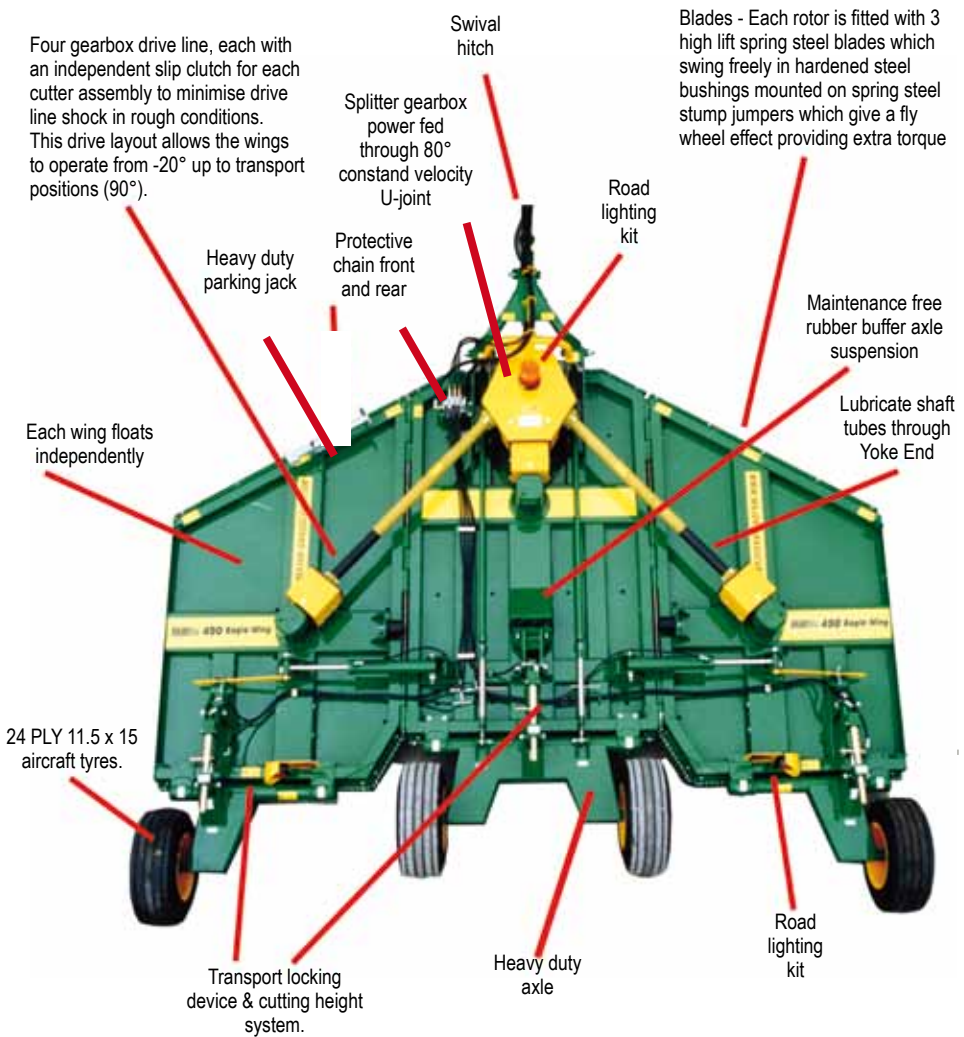
*Simple height adjustment system for perfect cutting everytime*



*Maintenance free suspension removes shock loading & stress*



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



<b>Model</b>	490EW
<b>Overall Width</b>	5.1m (16' 7")
<b>Working Width</b>	4.9m (16")
<b>Transport Width</b>	2.3m (7' 6")
<b>Transport Height</b>	2.25m (7' 4")
<b>No. of Blades</b>	9
<b>No. of Rotors</b>	3
<b>Power (HP)</b>	90-150
<b>PTO rpm</b>	1000

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



MT22 Hammer Blades

# MT22 FLAIL MOWER

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	15-22	540/1000	225kg
MT22-140	1.5m	1.38m	16	30-40	540/1000	263kg
MT22-170	1.82m	1.7m	20	45-50	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	12	60-70	540/1000	580kg
MT24-280	2.92m	2.76m	16	80-90	1000	725kg



MT26 Hammer Blades

# MT26 FLAIL SHREDDER

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 safety flaps and PTO guarding. The flail can be easily manoeuvred around obstructions by hydraulic control.

## FEATURES:

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

Model	Overall Width	Working Width	Hammers	Power (HP)	PTO rpm	Weight
MT26-180	1.99m	1.8m	14	40-50	540/1000	560Kg
MT26-200	2.23m	2.04m	16	50-60	540/1000	620Kg
MT26-230	2.47m	2.28m	18	60-70	540/1000	730Kg
MT26-280	2.95m	2.76m	20	80-90	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	Cutting Height	Weight
MZ6-125	1.39m	1.25m	20	25-35	540	20 - 100mm	225Kg
MZ6-145	1.59m	1.45m	20	35-40	540	20 - 100mm	250Kg
MZ6-165	1.79cm	1.65m	24	40-45	540	20 - 100mm	275Kg



MZ6SXL Stone Burier



MZ15CX Stone Burier



# STONE BURIER

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

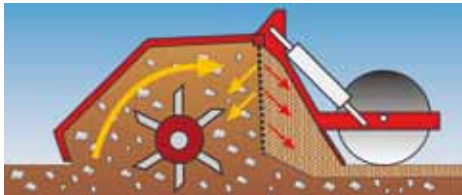
There are six models in the range with working widths from 1.25m to 2.6m. Horsepower requirements are kept to a minimum

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	22-30	540	390Kg
MZ6SXL 145	1.58m	1.45m	67 78 24 121	36	100mm	30-35	540	420Kg
MZ6SXL 165	1.78m	1.65m	76 89 24 141	36	100mm	35-40	540	460Kg
MZ10XL 205	2.46m	2.05m	100 105 85 120	42	230mm	60-65	540	770Kg
MZ15CX 230	2.8m	2.3m	none	54	250mm	70-90	540/1000	1190Kg
MZ15CX 260	3.05m	2.55m	none	60	250mm	90-100	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, rubble etc 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 & 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 & soil manure with a 7.5 cubic yard capacity. The main rotor runs on 2" bearings & is powered through a robust chain & 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.

## TYRE CHART



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	W: 550	W: 425	W: 385
D: 1400	D: 1232	D: 1130	D: 1100



# SLURRI VACUUM TANKER

The Major Slurri-Vac is ideal for all slurry handling needs. There are four models with capacities of 1100, 1300, 1600 and 1850 gallons.

The Slurri-Vac has been designed and constructed to ensure the load is perfectly balanced between the tractor and the tanker axle and that the best possible traction is achieved with minimum soil damage.

All MAJOR tankers are constructed from 6mm steel for maximum strength.

SEE PAGES 21 to 23 FOR:

- Tyre options
- Standard specifications
- Optional extras available

MODEL	1100	1300	1600	1850
<b>Capacity</b>	1100 Gallons	1300 Gallons	1600 Gallons	1850 Gallons
	5000 Litres	5910 Litres	7274 Litres	8410 Litres
<b>OA Length</b> (Hitch to coupling ball)	5.4m	5.5m	6.2m	6.9m
<b>OA Width</b> (Tyre dependant)	2.3m	2.5m	2.5m	2.51m
<b>OA Height</b> (Add tractor hitch)	2.54m	2.8m	2.8m	2.96m
<b>Weight</b> (Empty)	1650Kg	2200Kg	2300Kg	2720Kg
<b>Weight</b> (Full)	6650Kg	8065Kg	9550Kg	11130Kg

## TEN REASONS TO BUY 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.



# 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 & the remainder being carried on the tractor drawbar. The tank is 6mm thick and is protected by explosion & implosion valves.

Baffled to prevent 'wave' motion during transport the tank is mounted on wide support pads to spread the weight reducing tension and stress. 6" filler points are placed on the sides & rear of the tank and a 6" inspection & wash out point is fitted to the front of the tank.

SEE PAGES 21 to 23 FOR:

- Tyre options
- Standard specifications
- Optional extras available

MODEL	2050LGP	2200LGP	2250LGP	2400LGP	2600LGP	3100LGP
<b>Capacity</b>	2050 Gallons 9319 Litres	2200 Gallons 10000 Litres	2250 Gallons 10228 Litres	2400 Gallons 10910 Litres	2600 Gallons 11820 Litres	3100 Gallons 14093 Litres
<b>OA Length</b> (Hitch to coupling ball)	7.0m	7.0m	6.6m	7.0m	7.3m	8.3m
<b>OA Width</b> (Tyre dependant)	2.63m	2.38m	2.65m	2.65m	2.65m	2.65m
<b>OA Height</b> (Add tractor hitch)	3.2m	3.18m	3.35m	3.35m	3.35m	3.35m
<b>Weight (Empty)</b>	4120Kg	4080Kg	3916Kg	4250Kg	4395Kg	4950Kg
<b>Weight (Full)</b>	13447Kg	14116Kg	14059Kg	15132Kg	16213Kg	19041Kg



# 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 pages 21 to 23.

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

# TANKER

## TYRE OPTIONS



TYRE	15x22.5	16.5x22.5	550/60-22.5	21.3 R24	560/60 R22.5
W (mm)	385	420	550	540	560
D (mm)	1080	1100	1170	1400	1260
Available on:					
1100 Slurri Vac	•	•	•	•	
1300 Slurri Vac			•	•	
1600 Slurri Vac			•	•	
1850 Slurri Vac				•	•



TYRE	560/60 R22.5	28.1 R26	29.5/75 R25	30.5 R32	800/60/R34
W (mm)	560	740	750	760	800
D (mm)	1260	1780	1730	1830	1824
Available on:					
2050LGP		•	•	•	•
2200LGP	•				
2250LGP		•	•	•	•
2400LGP		• (IRL only)	•	•	•
2600LGP			•	•	•
3100LGP			•		•
3000 Challenger	• (Front)		• (Rear)	• (Rear)	• (Rear)
3500 Challenger	• (Front)		• (Rear)	• (Rear)	• (Rear)

# TECHNICAL SPECIFICATIONS

- **Standard**
- **Optional Extra**

<b>General</b>	<b>1100 - 1850 Slurri Vac</b>	<b>2050 - 3100 LGP Tanks</b>	<b>Challenger Tankers</b>
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	●	●	●
<b>Finish</b>			
Painted finish (two pack)	●	●	●
Custom Paint Finish	□	□	□
<b>Pumps</b>			
8000 Litre pump	●	●	●
10000/12000 litre pumps in lieu of 8000 litre	□ (10,000 L only)	□	□
<b>Hoses</b>			
15 ft long 6" Vacuum Hose	●	●	
20 ft long 6" Vacuum Hose	□	□	●
<b>Mudguards</b>			
Mudguards & Rails	□	●	●
Pipe rack on both sides	□	●	
<b>Brakes</b>			
Hand brake	●	●	●
Single hydraulic brakes	●		
Dual hydraulic brakes		●	●

<b>Additional Items</b>	<b>1100 - 1850 Slurri Vac</b>	<b>2050 - 3100 LGP Tanks</b>	<b>Challenger Tankers</b>
Top trap	●	●	●
Adjustable drawbar		●	●
Integral sump		●	●
Siphon trap		●	●
800mm hydraulic back door		●	●
Swivel hitch		●	●
Adjustable hitch		●	●
12" front inspection port	<input type="checkbox"/>	<input type="checkbox"/>	●
Lockable pipe brackets	<input type="checkbox"/>	<input type="checkbox"/>	●
Hinged Back Door	<input type="checkbox"/>	<input type="checkbox"/>	●
Hydraulic Top Hatch c/w hoses	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Washdown Hose Assembly c/w couplings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
High capacity reel & drain cleaning pump	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sidfill c/w coupling and manual valve	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cyclone Trap	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rear Filler	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6" Auto Filler c/w hydraulic changeover	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8" Auto Coupler c/w hydraulic changeover	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Full length sight gauge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Additional sight glasses	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Air Brakes and Air/Hydraulic Brakes		<input type="checkbox"/>	<input type="checkbox"/>
Breakaway System	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Buttress for injector system		<input type="checkbox"/>	<input type="checkbox"/>
Road Blaster Bar		<input type="checkbox"/>	<input type="checkbox"/>
Water Spinner	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Road Sweepers		<input type="checkbox"/>	<input type="checkbox"/>
Garda 8000/10000/12000 litre pump c/w raingun and hydraulic motor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hydraulic drive 8000 litre vacuum pump	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Turbo chopper pump		<input type="checkbox"/>	<input type="checkbox"/>



# 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 & 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	Working Width	Transport Width	Weight	Hydraulic Requirement
MJTS6430	6.4m	2.7m	1100Kg	40 - 60 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

Model	Working Width	Transport Width	Weight	Spreader Outlet	Spread Capacity	Working Depth
MAJOR 5.2m	5.2m	2.4m	1260Kg	50mm	10 - 30 m3 / 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 & 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"	130	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 & 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 & lower the machine easily. The two tractor mounted models are suitable for 40hp tractors & 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 & dismounting
- As standard, the finish is galvanised. Painted finish is an optional extra.

## MAJOR BUCKET & 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 & dismounting
- Galvanised finish



### CHOICE OF BRUSHES:

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



# SAW BENCH

The New MAJOR Swinging Bench Saw fits on the tractor 3 point linkage & can cut up to 500mm 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 & 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	500mm (20")
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
	Adjustable leg extension
Other Features:	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.



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



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



<b>MODEL</b>	<b>LS4000</b>		
<b>PAINT</b>	Two pack paint with hardener, oven baked		
<b>Blade</b>	Wedge blade of high carbon steel		
<b>Operation</b>	Single phase electric		
<b>Features</b>	Single person operation		
<b>Features</b>	Adjustable frame & automatic adjustable stroke		
<b>Features</b>	Wheel mounted for ease of movement		
<b>Length</b>	500mm	<b>Height</b>	1800mm
<b>Max Log Size</b>	630mm	<b>Pressure</b>	9 tonne
<b>Weight</b>	100Kg		



*Basic Model*



*Standard Model*



*High Spec Model*

# RANGE OF POST DRIVERS

MODEL	Post Driver Basic Model	Post Driver Standard Model	Post Driver Specialist Model
PAINT	Two pack paint Oven baked Contains hardener	Two pack paint Oven baked Contains hardener	Two pack paint Oven baked Contains hardener
Hammer weight	350Kg	350Kg	350Kg
Hydraulic top link		not supplied, but 3 ports plumbed	
Ram on leg of PD	NO	supplied to level the PD if ground uneven	Supplied with side tilt
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	720Kg	800Kg	800Kg
Attachment to tractor	3 point linkage	3 point linkage	3 point linkage
Post size	Max 11' x 12" dia	Max 11' x 12" dia	Max 11' x 12" dia
Grease points	7 & slider	8 & slider	8 & slider



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