



## LOFTNESS MULCHER/ROOT CUTTER

**MODEL 156** - 3.96 METRE 4 ROW • 1000 RPM PTO 280 HP GEARBOX DRIVES MULCHER ROTOR FROM BOTH ENDS VIA 4 BAND V BELTS • ROTOR SPEED 2000 RPM • HARD SURFACED COTTON FLAILS • SELF CLEANING MULCHER DOME • HYDRAULIC COTTON ROOT CUTTERS MOUNTED TO MULCHER • 450mm x 5mm AND 500mm x 6mm CUTTER DISCS, FITTED WITH TRASH CLEARING PADDLES • ADJUSTABLE SPRING LOADED MOUNTING ARMS • SHEAR RELEASE PROTECTED • HEAVY DUTY CONSTRUCTION, CONCEALED GREASABLE BEARINGS • APPROXIMATELY 90 LITRES (20g) PER MINUTE HYDRAULIC OIL REQUIREMENT TO DRIVE ROOT CUTTER • ADD OTHER BASIC REQUIREMENTS, ie; 3 POINT LINKAGE, POWER STEERING, etc. 4 ROW UNIT = 3000 kg  
 OPTIONAL HYDRAULIC PRESSURE GAUGE (MOUNTS IN TRACTOR CABIN) - LIGHT WILL APPEAR WHEN CUTTER STOPS DUE TO BLOCKAGE

## LOFTNESS MULCHERS

**MODEL 156** - 3.96 METRE AND **MODEL 180** - 4.57 METRE 1000 RPM PTO 280 HP GEARBOX DRIVES MULCHER ROTOR FROM BOTH ENDS VIA 4 BAND V BELTS

**MODEL 250-300** AND **MODEL 360** 1000 RPM PTO 280 HP GEARBOX DRIVES MULCHER ROTOR FROM BOTH ENDS VIA 6 BAND V-BELTS. ROTOR SPEED 2000 RPM. HARD SURFACED COTTON FLAILS. SELF CLEANING MULCHER DOME.

MODEL	TPL FULLY MOUNTED	TPL SEMI MOUNTED	TRAILING
156-4 ROW 13' (3.96 METRE CUT )	1900kg		
180 - 15' (4.57 METRE CUT )	2000kg		
240- 6 ROW - 20' (6.3 METRE CUT)	2220kg		
318-8 ROW- 26' (7.87 METRE CUT)	3090kg		
360 - 30' (9.13 METRE CUT)	3863kg		

*END TOW KIT FITS ALL MODELS*

1 - 178mm x 178mm x 9.5mm TOOLBAR.

CAT 3 HITCH. 450mm x 5 mm  
AND 500mm x 6mm

CUTTER DISC, FITTED WITH  
TRASH CLEARING PADDLES.

ADJUSTABLE SPRING  
LOADED  
MOUNTING ARMS.

SHEAR RELEASE  
PROTECTED.

HEAVY DUTY CONSTRUCTION, CONCEALED  
GREASABLE BEARINGS. ONE DISC OF EACH PAIR  
HYDRAULICALLY DRIVEN.

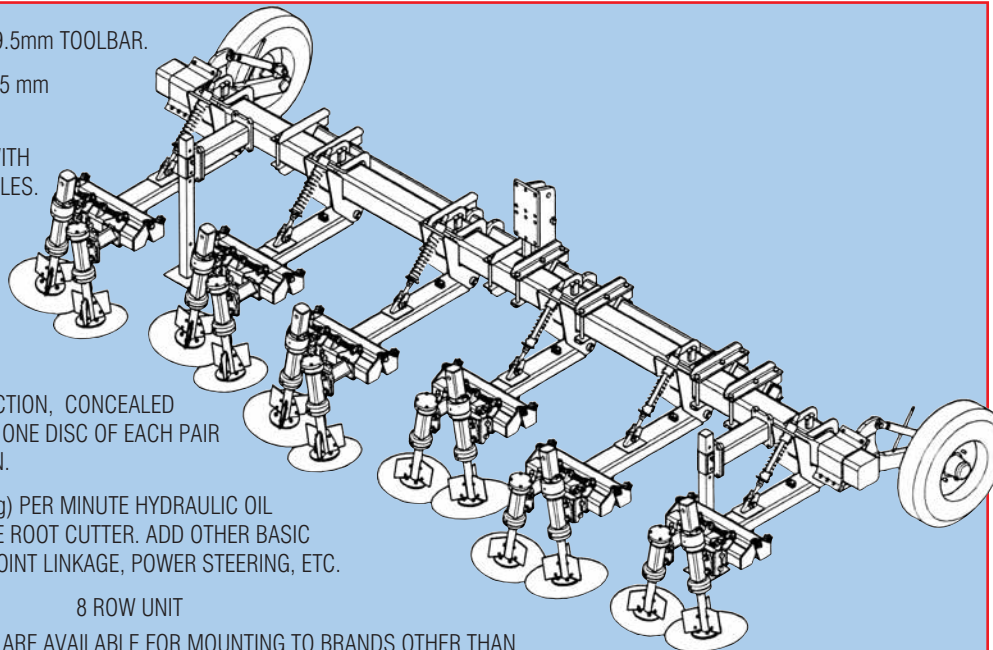
APPROX. 90 LITRES (20g) PER MINUTE HYDRAULIC OIL  
REQUIREMENT TO DRIVE ROOT CUTTER. ADD OTHER BASIC  
REQUIREMENTS, ie; 3 POINT LINKAGE, POWER STEERING, ETC.

6 ROW UNIT

8 ROW UNIT

4 ROW MOUNTING KITS ARE AVAILABLE FOR MOUNTING TO BRANDS OTHER THAN  
LOFTNESS MULCHERS. DETAILS AND PRICES ON APPLICATION.

OPTIONAL HYDRAULIC PRESSURE GAUGE (MOUNTS IN TRACTOR CABIN). LIGHT WILL APPEAR WHEN CUTTER STOPS DUE TO  
BLOCKAGE 6 ROW OR 8 ROW



## **COTTON ROOT CUTTERS GROUND DRIVE**

1 - 178mm x 178mm x 9.5mm TOOLBAR. CAT 3 HITCH. 450mm X 5 mm AND 500mm x 6mm

CUTTER DISCS FITTED WITH TRASH CLEARING PADDLES.

ADJUSTABLE SPRING LOADED MOUNTING ARMS, SHEAR RELEASE PROTECTED.

**INDIVIDUAL  
ROW UNITS  
TO MOUNT TO  
CLIENT'S BAR.**

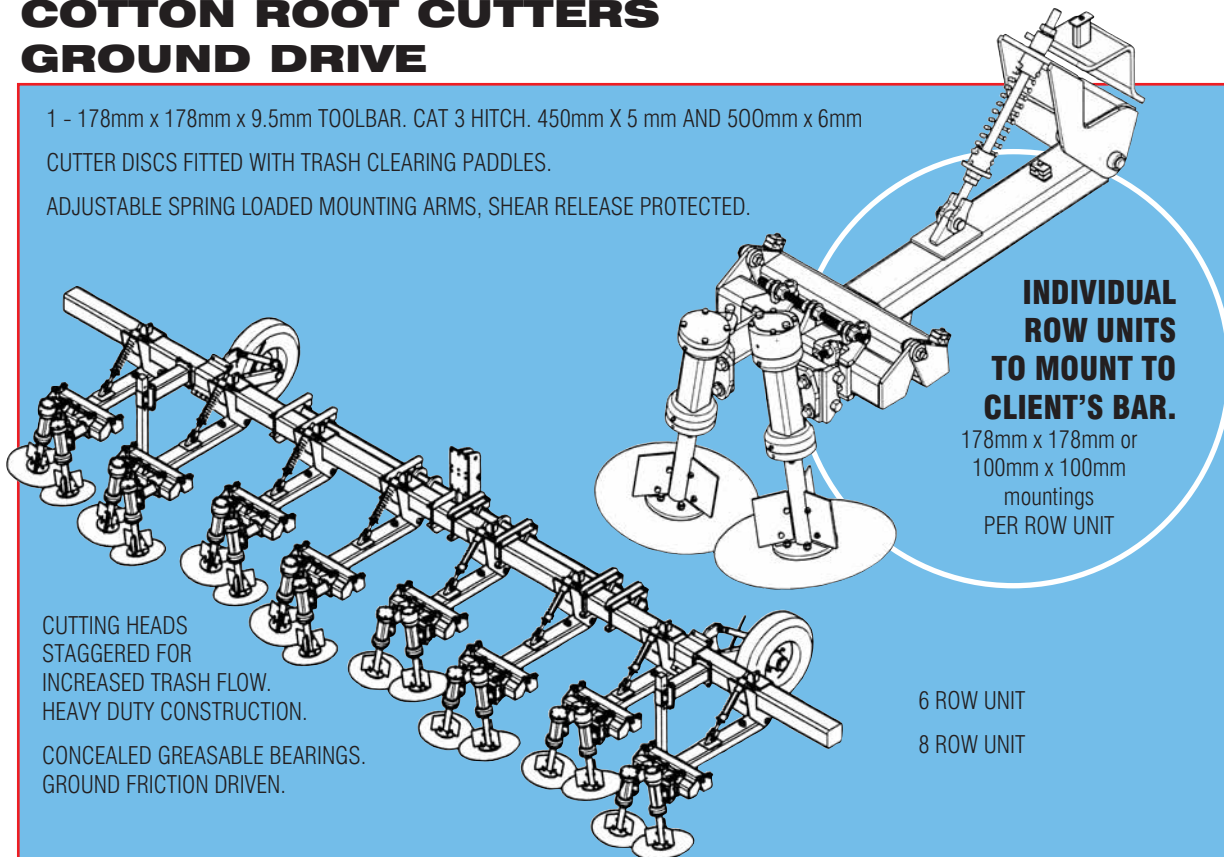
178mm x 178mm or  
100mm x 100mm  
mountings  
PER ROW UNIT

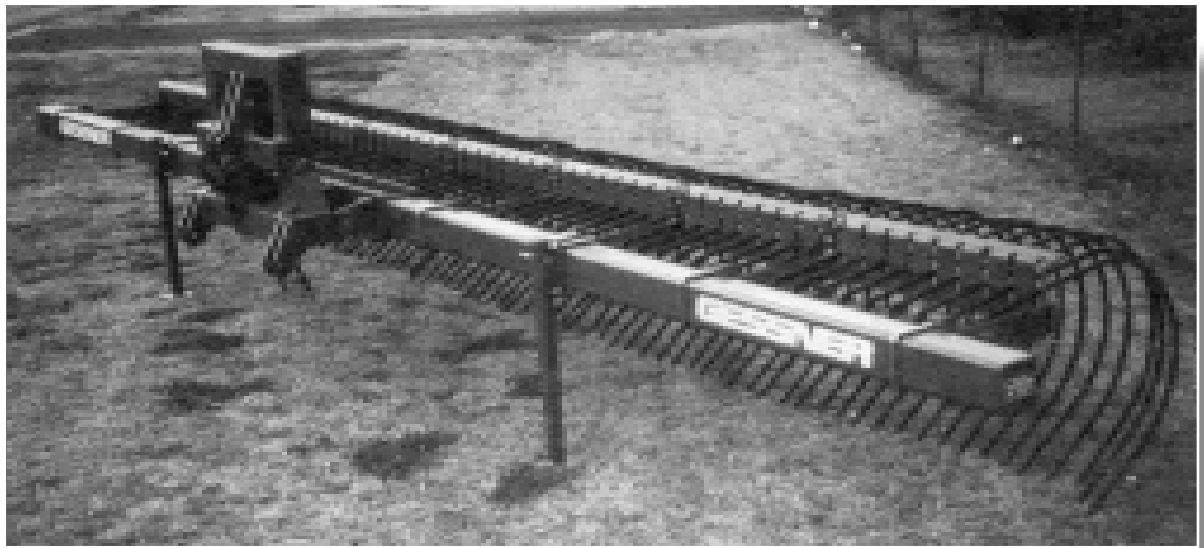
CUTTING HEADS  
STAGGERED FOR  
INCREASED TRASH FLOW.  
HEAVY DUTY CONSTRUCTION.

CONCEALED GREASABLE BEARINGS.  
GROUND FRICTION DRIVEN.

6 ROW UNIT

8 ROW UNIT





**THE GESSNER HEAVY DUTY HYDRAULIC DUMPING RAKE IS DESIGNED FOR WINDROWING COTTON STALKS, CROP RESIDUES AND FOR ALL APPLICATIONS WHERE LARGE CAPACITY AND FAST DUMPING IS REQUIRED.**

- Superior capacity means fewer stops and fewer windrows resulting in bigger, hotter and cleaner-burning fires. This large capacity, together with a fast dumping cycle results in a faster more efficient operation.
- Simple bolt together construction means that the unit can be readily modified to suit individual applications. Nothing is welded to the toolbar, leading to maximum strength and flexibility in design.
- The unit is equipped with a heavy duty Cat 3 regular hitch with allowance to fit a quick hitch.
- It is complete with two support stands. Working widths are variable from 4.15 metres to 12.15 metres in steps of one metre.
- Three tynes at each end of the rake are staggered to produce a wade basket effect that gives a 150mm overlap, giving a better clearing action of the "Guess Row". They prevent trash roll-out while working and present a compact wind row for better continuous fires.
- Standard equipment includes a cross port relief valve in the hydraulic system. This is set to prevent any possible over pressure, hence protecting all machine components.
- Lower ram bushes are made of hardened steel for longer life.

### **SPECIFICATION - STANDARD 8 METRE RAKE**

WORKING WIDTH mm	8150
RAKE MATERIAL	Silicon Manganese spring steel hardened and tempered
RAKE DIA mm	24
RAKE SIZE mm	1389L x 1042H with ferrule (424 O/D x 4mm wall) welded into eye
RAKE SPACING mm	125
RAKE SECTIONS	8 x 1 metre, with individual 33mm dia spring steel pivot rods
PIVOT PIN DIA mm	50
CYLINDER PIN DIA mm	40 (greasable via cylinder eyes and pin ends)
PIVOT BUSHES	Greasable, replaceable lower ram bush is hardened steel - other bushes bronze
HITCH PIVOT ARM	Fully boxed construction
TRANSPORT STANDS	2
HITCH	Cat 3 - suited to regular 3 point hitch and quick attaching coupler
CAPACITY APPROX	9m <sup>3</sup>
TOOLBAR SIZE	178mm x 178mm x 9.5mm
TOOLBAR LENGTH	8.8 metres
OVERALL DIMENSIONS mm	9000W x 2400D x 1920H
WEIGHT kg	1800
HITCH PINS AND LYNCH PINS INCLUDED OTHER SIZES AND ROW SPACING ON REQUEST.	

*OPTION - AS ABOVE WITH EVERY SECOND TYNE REMOVED*