

# MITCHELL GRASS-CUTTING EQUIPMENT

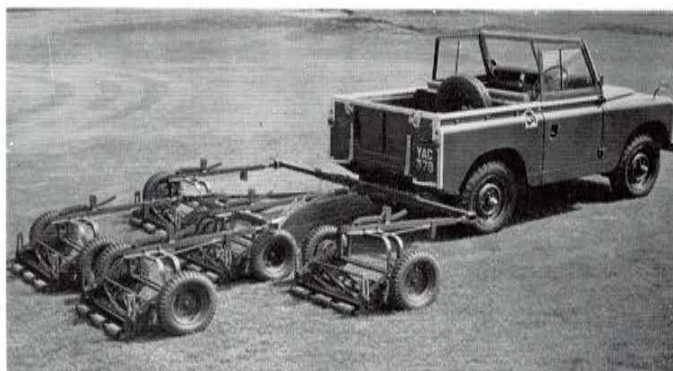
As approved by the  
ROVER CO. LTD.  
for use with the . . .

**LAND-  
ROVER**

Designed and built to stand the speed of mechanical Haulage Dreadnought Gang Mowers have for many years been giving good service on Parks, Sports Grounds, Airfields, Golf Courses and other large areas of grass in many parts of the world, and their reliability and low maintenance costs are well recognised. They are also proving of great value on Orchards and farm grass lands.



DREADNOUGHT 5  
on the Land Rover  
ready for action.



The units have a cutting width of 30-in. and are flexibly attached to the towing vehicle in gangs of 3 or 5, etc., and can be attached or removed without the use of tools. A wide range of adjustments is provided for the height of cut which can be varied from  $\frac{1}{4}$ -in. to 4-in.

Maintenance is simple, as there are only four lubrication nipples and the drive mechanism is enclosed in an oil-retaining Gear Case.

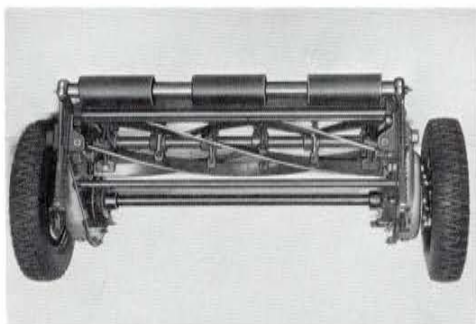
Made by

**F. MITCHELL (Nottm.) LTD., DERBY ROAD, NOTTINGHAM**  
Telephone : Nottm. 73088

Est. 1898

**ENGLAND**

## SPECIFICATIONS AND DETAILS



*Dreadnought Unit*

The drive is taken from easily detachable Steel or Pneumatic-tyred land wheels, and transmitted through Machine Cut Hardened Steel Gears and Ratchet Clutches to the Cylinder Cutter; a complete train of Gears and Clutch is fitted to each side of the Mower, the Ratchet Clutches allowing Differential Action when turning. In addition, Levers are fitted to the Clutches to

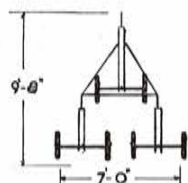
disengage the Drive to the Cutter for transportation purposes. The Gear Trains are completely enclosed in Aluminium Casings and operate in an oil bath.

Cylinder Cutters can be supplied either of 7-in. Diameter, fitted with 5 Blades, or 10-in. Diameter, fitted with 6 Blades and are mounted on Ball Bearings: the 7-in. Diameter Cutter will deal with grass up to 8 inches long. The 10-in. Cutter is desirable when cutting longer grass. The Cutter Cylinder is easily removable for re-grinding or replacement of blades. Exchange units are readily available.

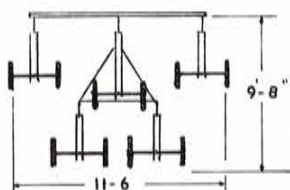
The Bottom Blade Frame is a Steel fabrication, fitted with a simple and efficient method for setting the Cut; after setting, the Bottom Blade Frame is securely clamped to the Steel Side Frames and in conjunction with sturdy Cross-bars, ensures complete rigidity and entirely eliminates deflection when operating over hard and uneven surfaces.

*Mower Units are 'ganged' as shown below—*

**DREADNOUGHT 3**



**DREADNOUGHT 5**



**The Dreadnought 3** cutting 7' 0" wide, will cut approx. 5 acres per hour at 6 m.p.h.  
 " 5 " 11' 6" " " " " 8½ " " " "

Levers are fitted to each unit by which the cutting mechanism of the Mower can be lifted clear of the ground for crossing roads, etc. For more extended transportation it is arranged that units can be attached in line one behind another and winched on to trailer or lorry. This can be done by one man.

SHIPPING DETAILS		Net Weight	Weight Packed in Wood Case	Dimensions of Case
Dreadnought 3	In 1 Case	918 lbs.	1332 lbs.	72" × 65" × 30"
Dreadnought 5	In 1 Case	1554 lbs.	2175 lbs.	126" × 65" × 30"

**Land-Rover Extras Required: Towing Equipment (eight holed plate)**

Made by

Est. 1898

**F. MITCHELL (Nottm.) LTD., DERBY ROAD, NOTTINGHAM**  
**ENGLAND**  
 Telephone: Nottm. 73088