

Hydra 5

NEW GENERATION

FLOATING HEAD GANG MOWERS

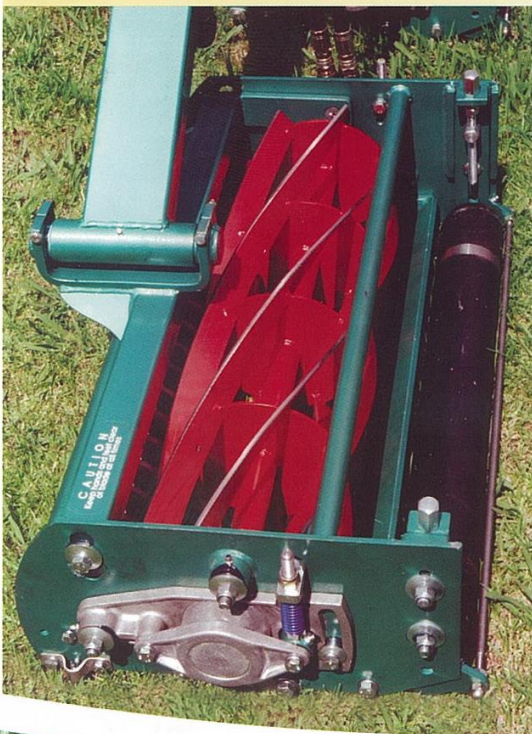
- A Grade finish every time
No scalping or windrowing
- Much greater acreage and higher road speeds
- Durable, long life-expectancy
- Proven design, simple reliable circuitry
- Versatile, variable cutting widths
- Overnight parts service
Long term parts availability
- Prompt technical back-up
- More efficient use of horsepower
- Available in three, five and seven gangs
- First class finish for sports fields
- Designed and engineered for New Zealand conditions

➤ **Hydra 5 - Seven Gang**

Fast, versatile and cost effective. Retracts to legal road transporting width.



➤ **New Generation Float Head Mowing Unit**



Designed and constructed for tough and lush growth conditions.

Super accurate reel to bed knife adjustment.

Cutting reel driven by hydraulic motor through robust coupling.

Self-clearing alloy front roller.

Heavy duty bearings and seals throughout.

Quick simple accurate cutting height adjustment.

Blading manufactured and heat treated for tough grass conditions.

Powerful 4.1/2 h.p. available at reel.

Sharpening can be done without dismantling using the optional jockey grinder.

Used for pattern mowing on televised events.

Interchangeable with older models.

Low running costs.

➤ **Hydra 5 - Three Gang**

Ideal for schools and smaller golf clubs.



➤ **Hydra 5 - Five Gang**

Three lever lift, can be used as one, three, four or five gang mower.



HYDRAULIC DRIVE

Each mowing reel has its own hydraulic motor which is coupled to the reel by a compact flexible coupling. The 4 h.p. motors give these mowers ample power to cut the heaviest and coarsest grasses. They make very efficient use of tractor horsepower, e.g. a five-unit Hydra 5 mower requires a maximum of 15 h.p. to drive it.

HYDRAULIC CIRCUITRY

A feature which is unique to Hydra 5 gang mowers is the rotary flow divider which allows each hydraulic motor to be on its own hydraulic circuit so that there are none of the problems often associated with hydraulic motors run in series. The hydraulic circuitry, which operates at only 1100 p.s.i., is protected from damage by suction and return filters and pressure relief valves.

SIMPLE TRACTOR ATTACHMENT & STORAGE

Hydra 5 mowers are quick and easy to attach and detach from their tractor by fitting or removing three pins and a quick release driveshaft. When detached the mower stands independently on two retractable legs thus freeing the tractor for other uses.

EASY OPERATION, SPEED & VERSATILITY

Because each mowing reel is powered by its own hydraulic motor ground speed, tractor revs, growth density and weather conditions are not critical.

CONTOUR FOLLOWING

An axial pivot close to the tractor and two hinged joints in each of the mowing unit arms as well as the floating mechanism in each unit mean that the Hydra 5 gang follows all undulations closely, is capable of turning a tight circle and does not bunch or leave gaps.

MAINTENANCE

Designed for easy maintenance with all mowing heads interchangeable, standard sized blading and readily available spare parts. In situ sharpening without dismantling is an option.

SPECIFICATIONS OF HYDRA 5 GANG MOWERS

Cutting width	Seven units, 5 metres Five units, 3.54 metres Three units, 2.12 metres	PTO Speed	540 r.p.m
Transporting	All sizes 2.335 metres	Tractor	Three gang, 16 h.p.+ Five gang, 25 h.p.+ Seven gang, 35 h.p.+
Cutting height	6-75mm (1/4-3")	Reels	Standard 6-blade, 9" diameter 8 blade optional
Reel speed	1350 r.p.m	Acres per day (8 hours)	5 gang, 55 acres 7 gang, 75 acres
Power at reel	Up to 4 h.p. (3kw)		
System pressure	(Hydraulic) 1100 p.s.i.		

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Manufactured by:

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