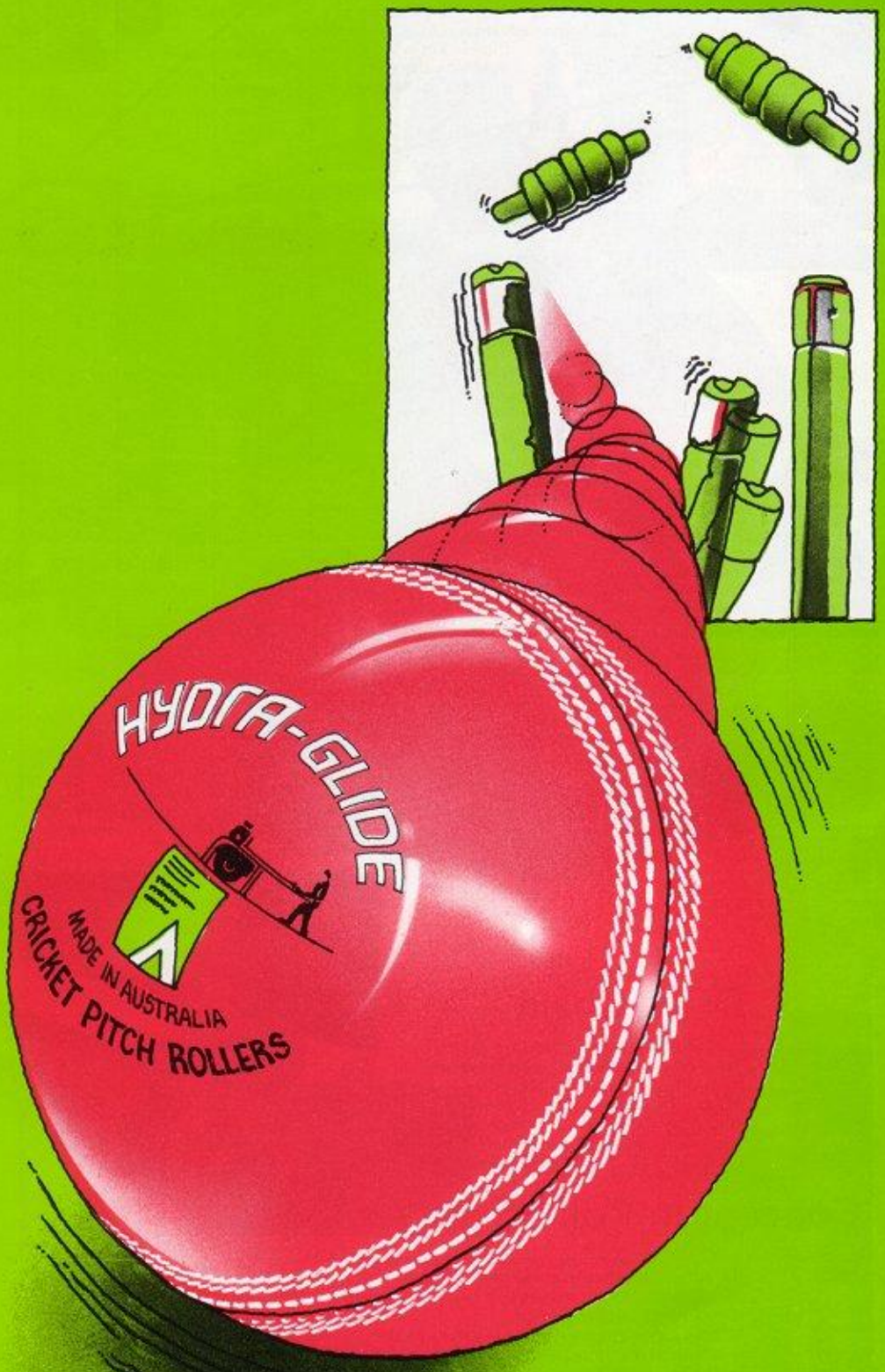
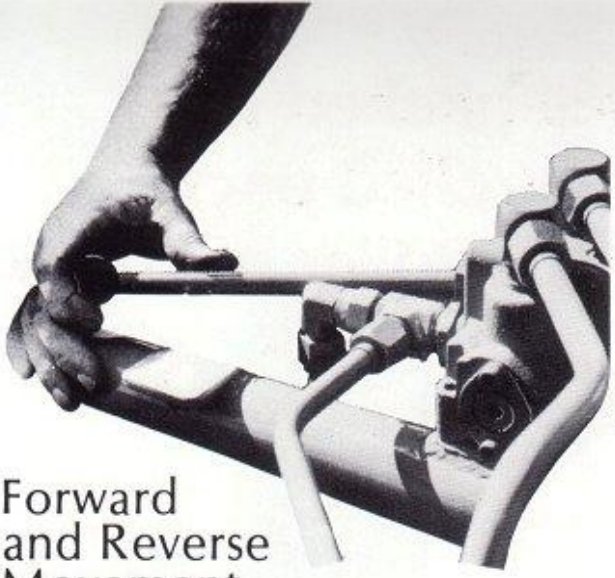
Howzat!!.. for a well-pitched ball from a well-rolled pitch — by a Mentay Turf Roller of course!



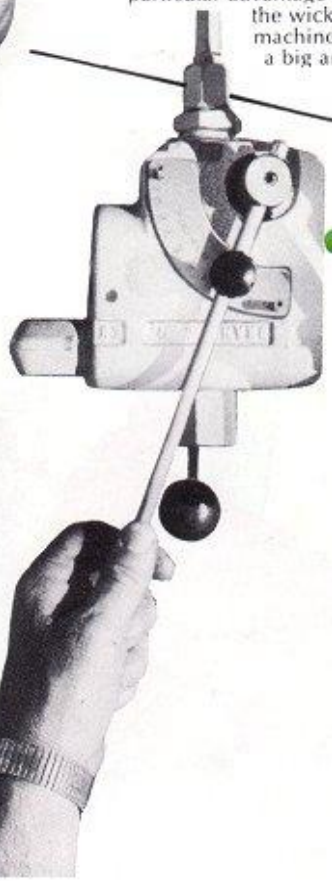
INTRODUCING
the Australian Design Award Winning...



Full Range Flow Control

A full range flow control valve gives the operator the choice of speeds from very slow to a fast walking pace.

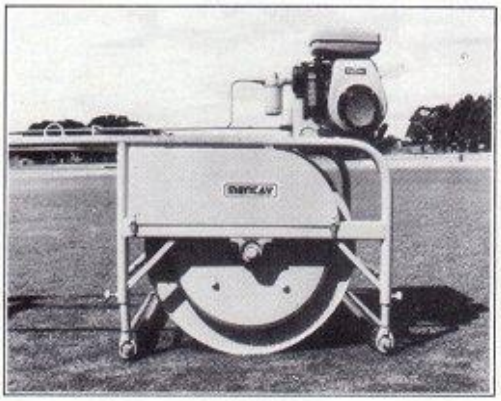
The valve regulates the gallonage that the pump produces without sacrificing the power needed when the machine labours or when on an incline or gutter. Graduations are clearly indicated to give the operator variable speed selection. This is a particular advantage in cross rolling of the wicket where the machine does not have a big area to work in.

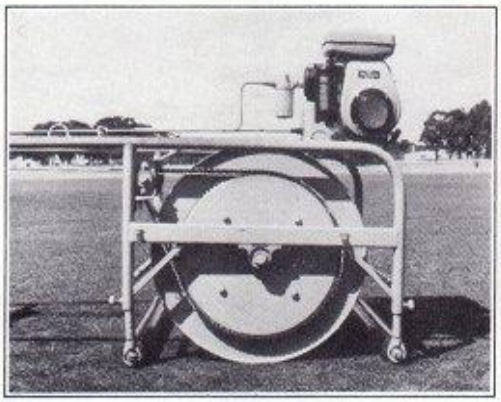


Forward and Reverse Movement

A directional flow control valve is centrally positioned in a convenient location giving forward and reverse movements as marked on a quadrant, from neutral to the selected direction.

The reduction or increase in speed irrespective of direction is achieved through the full range flow control valve enabling very fine roller movement control.





Height Adjustments

230 mm height adjustments to the front and rear rollers allows easier machine loading on slopes or undulating terrain.

Each extension arm to the roller has a knurled set screw to assist the adjustment locking.

The use of sealed bearings on all moving points eliminates maintenance and routine greasing.

Drive Chain

Maintenance is focused on the main drive area where a single chain transmits the power to the roller drum. This chain needs periodical adjusting and a light smear of oil. The chain cover is easily detached as illustrated, to facilitate maintenance.

Hydra-Glide-a New Concept in Roller Performance

The Mentay Hydra-Glide Cricket Pitch Roller. The smoothest, easiest, most versatile wicket roller you will ever use.

The Mentay Hydra-Glide Industrial Design Award winning roller was designed to offer complete control over speed, direction and power, whilst giving you high torque at low revs.

The use of a Full Flow control valve gives fingertip control to the adjustment of oil gallonage as it passes, thus controlling the speed from a slow crawl to a fast walking pace without losing power when negotiating steep gradients or ruts.

The central positioning of the directional control valve enables the operator a further variation to the speed as well as forward and reverse, this is particularly necessary when delicate and cross rolling are required.

All the controls are grouped together close to the operator other than the motor speed adjustment. Once movement is set, the motor speed need not be altered.

Steel pipes connect the two valves to the reservoir and terminate in heavy duty braided hydraulic hoses at the drive motor.

Through research and the application of sound design principles, Mentay Steel-Fab. Constructions Pty. Ltd. have produced this exceptional hydraulically controlled and driven cricket pitch roller which will possibly revolutionize turf wicket maintenance and conditions.

Take a demonstration for yourself now.

No wonder they won an Australian Design Award.

Power Plant

Power is supplied by a 7 hp petrol engine. A 2-1 reduction gear box producing maximum torque at low revs gives the operator ease of control and untiring effort in the preparation of the wicket.

A short run of the engine in the off season will prevent the valves from sticking.

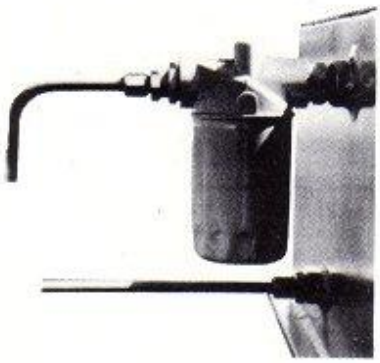
The engine we have chosen has proven most serviceable for this application.

Alternative forms of power may be considered.

The engine may be moved from the roller body by unfastening four bolts.

Inline Filter

The effective use of the inline oil filter ensures perfect oil filtration to the control valves and roller drive motor thus eliminating damage to oil powered components.



Australian design award.

Engine Working Height - Reservoir

Australian cricket is played in Australia's hottest months and so the engineers at Mentay designed the oil reservoir large enough to eliminate over heating and thus extending the life of many components.

The hydraulic pump is positioned in the tank and connected to the motor by a flexible coupling.

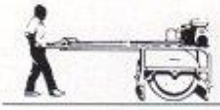
This view shows the comfortable working height of reservoir and engine. The motor is positioned for easily accessible starting purposes, petrol and oil servicing.

An oil filter and breather is fitted to the top of the tank to eliminate oil contamination.

Hydra-Glide at the MCC

The Hydra-Glide wicket roller is the most sophisticated and smoothest roller I have experienced and is very easy to handle. It has variable speed and weight. The weight unladen is 580 kgs. With the addition of water it can be lifted to 1180 kgs. or with sand to 1468 kgs. Naturally any weight in between can be achieved by the amount of water (or sand) added. This makes it a multi purpose roller which is a distinct advantage.

Ian Johnson
Former Secretary
Melbourne Cricket Club



HYDRA-GLIDE

MENTAY

STEEL-FAB. CONSTRUCTIONS PTY. LTD.

Specifications

Petrol Engine — EY28B 7 hp, 2000 rpm, 2-1 reduction drive.
Full Flow Control Valve — Cross CAB11GAO.
Directional Control Valve — Prince ½" RDRS1950-8.
Breather fill for hydraulic oil — TR-2 or equivalent.
Suction oil filter — SF100 (suction element) or equivalent.
Bearings are all off the shelf components.
Drive chain — ¾ Simplex with standard sprockets.
Hydraulic Pump — "Cross" 40 Po 15, Dacs pump or equivalent, obtainable through Cross Hydraulics.
Hydraulic Motor — OMR160 or equivalent.
Hydraulic reservoir has 45 litres (min.) of Tellus 46 or equivalent.

Shipping Dimensions:

3 metres long x 1140 mm wide x 1400 mm high.
Handle height off ground 950 mm.

Lifting Points:

4 Craneage points are provided for unloading or lifting purposes.
A tool kit is supplied with each roller and comprises of two 200 mm adjusting spanners, 1 set Allen keys, Teflon tape, screwdriver set, plug spanner, water ballast spanner.

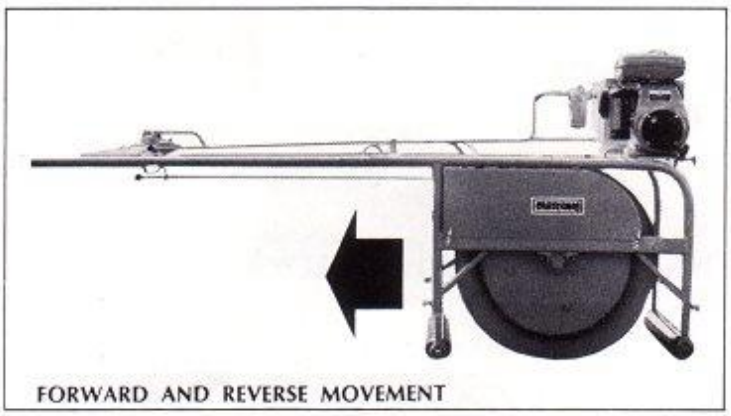
Roller Weight:

Tare weight approx.	580 kg
Water ballast approx.	600 kg
Sand filled	888 kg
Combination with sand	1468 kg
Combination with water	1180 kg
Concrete filled	2200 kg

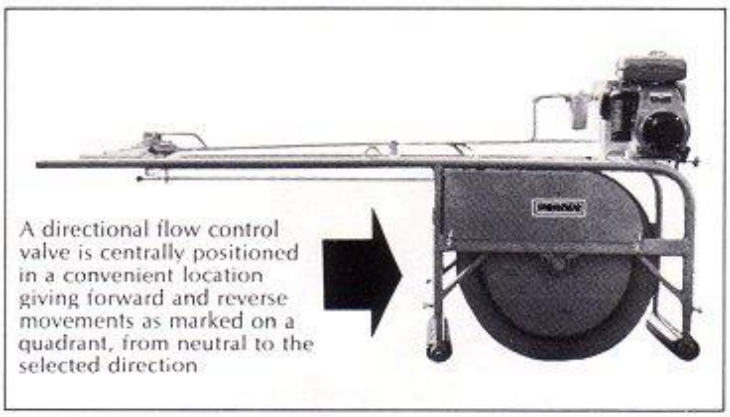
Drum dimensions: 910 mm wide x 910 mm diameter.
Electric models available.

As a policy of Mentay Steel-Fab. Constructions Pty. Ltd., in line with product improvement, we may introduce modifications to the Hydra-Glide Roller from time to time and consequently the details given in this leaflet are subject to alteration without notice.

Unit comes now with sunshade.



FORWARD AND REVERSE MOVEMENT



A directional flow control valve is centrally positioned in a convenient location giving forward and reverse movements as marked on a quadrant, from neutral to the selected direction

HYDRA-GLIDE

THE MENTAY HYDRA-GLIDE ROLLER IS A REGISTERED DESIGN.

For further Information or a Demonstration contact Mr. Maurice Menhennet,
Mentay Steel-Fab. Constructions Pty. Ltd., P.O. Box 172, Wendouree 3355 Vic. Australia.
Tel. (053) 39 5004, 39 1733. Fax (053) 38 1006. Toll Free (008) 037 075.
Int. Tel. 011 61 53 391 733. Int. Tele-Fax 011 61 53 381 006.
New Zealand: 40 Kelvin Grove Road, Palmerston North.
Sydney: Turfwell Sales P/L., Tel. (02) 550 5966; Fax (02) 519 9389.
West Australia: Boya Equipment, Tel. (09) 345 3633; Fax (09) 345 3848.

Name _____

Address _____ Post Code _____

Nature of Inquiry _____

Telephone Number _____

MENTAY

Mentay Steel-Fab. Constructions Pty. Ltd. A.C.N. 005 308 556