



# BRIGGS Rotary Boom Irrigators

## IRRIGATION and EFFLUENT



Model M10



Model M25

### HOW THEY WORK

The self-travelling action is powered by the revolving boom which drives a toothed drum. This drum winds in a wire rope which is anchored at the end of the run, thus pulling the machine across the field.

### BUILT TO LAST

Robust construction and refined design based on millions of hours of use under wide ranging conditions ensures the tried and trusted Roto Rainer will go on performing day in, day out for many years.



Model M15



Fluid, auto-shut off valve for reliable shut down of water supply at the end of the run. (Please note that the pump must be equipped with a suitable shut down system.)



Simple, greasable water seal and bush arrangement in the drive system require minimal long term maintenance.



Simple, reliable, Auto-start drive mechanism. This avoids the need to return to the machine once the wire rope is pulled out.



Quick and easy speed adjustment gives a choice of five different travel speeds and application rates.



Quick release mechanism to release rope tension safely at the end of the run.



Flat rubber nozzles can be replaced with rubber cone nozzles which give improved performance at higher flow rates.



Camlock or B-Type Couplings



Snap-tite Irrigator Hose



For more information please visit:  
[www.ibinternational.com.au](http://www.ibinternational.com.au)

Model	Hose Size	Flow	Wetted Width	Operating Pressure	Area per setting ha (acres)	Application Rate per Run mm	Run Time - hours	Travel Speeds
M10	50mmx100mets (Max Run Length 200 mets)	113.5 to 454 LPM (25 to 70 GPM)	25m WW Boom Length 7m	2 Bar (30 PSI)	0.5 (1.2)	5-48	5 <sup>th</sup> gear, 2 hrs 4 <sup>th</sup> gear, 3 hrs 3 <sup>rd</sup> gear, 4 hrs 2 <sup>nd</sup> gear, 6 hrs 1 <sup>st</sup> gear, 12 hrs	5
M15	63mmx150mets (Max Run Length 300 mets)	108 to 500 LPM (24 to 110 GPM)	35m WW Boom Length 15m	1.3 to 2 Bar (20 to 30 PSI)	1.05 (2.52)	2.5-47	5 <sup>th</sup> gear, 3.4 hrs 4 <sup>th</sup> gear, 4.25 hrs 3 <sup>rd</sup> gear, 5.6 hrs 2 <sup>nd</sup> gear, 8.5 hrs 1 <sup>st</sup> gear, 17 hrs	5
M25 Folding Boom	65 to 80 mm (150 to 200 mets)	366 to 916 LPM (80 to 200 GPM)	45m WW Boom Length 20m	2.75 Bar (40 PSI)	1.6 (3.84)	10-80	6 <sup>th</sup> gear, 10 hrs 5 <sup>th</sup> gear, 13 hrs 4 <sup>th</sup> gear, 17 hrs 3 <sup>rd</sup> gear, 23 hrs	6
M25 Non Folding Boom	65 to 80 mm (150 to 200 mets)	366 to 916 LPM (80 to 200 GPM)	55m WW Boom Length 30m	2.75 Bar (40 PSI)	2.0 (4.8)	10-80	6 <sup>th</sup> gear, 10 hrs 5 <sup>th</sup> gear, 13 hrs 4 <sup>th</sup> gear, 17 hrs 3 <sup>rd</sup> gear, 23 hrs	6

The figures printed in this brochure are for reference purposes and are not binding in detail. We reserve the right to introduce changes to the specification of our machines without prior notice.



Wire layering device and brake system ensures tangle free drum re-winding and wire deployment.



Flexible rubber nozzles help to pass the solids normally carried in dirty water without blockage.



End of run out of gear mechanism and steering assembly.



Anchor stake.



Flotation tyres for low ground pressure.

The Roto Rainer range provides an efficient, low cost, simple disposal method for thin slurry and dirty water. The award winning Model 10 was the first to be introduced and quickly became market leader. Over 4000 have been sold. A program of continuous improvement has ensured the current models give even greater value for money. They have also proved effective at irrigating suitable industrial waste water from a variety of commercial processes.

**FULLY GALVANISED STRONG CHASSIS**  
**LOW BOOM HEIGHT - MINIMIZE WIND DRIFT**  
**TO SUIT IRRIGATION, DIRTY WATER OR EFFLUENT APPLICATIONS**  
**LOW ENERGY REQUIREMENTS**  
**LOW PRESSURE REQUIREMENTS**  
**TROUBLE FREE ROTATING DRIVE**  
**SIMPLE TO OPERATE**  
**LIGHT WEIGHT**  
**OPERATES WITH LAY FLAT HOSE & POLY PIPE**

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