

MODEL 25

RAINER ROTARY BOOM IRRIGATOR



**A very efficient, low cost,
low pressure Travelling
Irrigator.**

- ▶ Use for Irrigation or Effluent
- ▶ One-man operation
- ▶ Folding or non folding rotary boom
- ▶ 6 speeds
- ▶ Row crop axles
- ▶ Low operating pressure
- ▶ Hot dipped Galvanised
- ▶ Separate trailer allows maximum flexibility when laying out and winding in the hose

IMPORTERS AND DISTRIBUTORS OF ZIMMATIC PIVOTS

MANUFACTURED IN **NEW ZEALAND**
BY RAINER IRRIGATION LIMITED



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Roto-Rainer is Cost Efficient:

The Roto-Rainer Irrigator is a low-pressure machine, which means that you can operate with lower powered pumps, resulting in cheaper running costs, as compared to the gun type irrigators.

Roto-Rainer is Mechanically Efficient:

The Roto-Rainer performs a complex task by means of few and simple mechanisms. The retro-action of the water causes the boom to rotate for an even spread of water; and the rotation of the boom provides the motive force that propels the machine, using a series of lobes spaced around the central turntable to operate a simple lever mechanism to the wire rope winch drum.

Roto-Rainer is Labour Efficient:

The Roto-Rainer Irrigator can be set to run in any chosen direction. With the machine pulling up to 200 metre length of hose; with central hydrant outlets, a 400 metre run can be achieved.

When operating in strong windy conditions, coverage is still very good as the water is carried in the boom almost to the end of the watering circle, and because the boom rotates a very efficient watering pattern is achieved.

Roto-Rainers Performance:

The Model 25 Rotary Boom has a maximum flow rate of 55 m³ per hour with a run length of 400 m; 80 mm gross can be applied to 1.6 ha in 23 hours, for the folding rotary boom configuration; and 63 mm gross can be applied to 2.0 ha in 23 hours on the non folding rotary boom configuration.

SPECIFICATIONS

	25 Folding Rotary	25E Non Folding Rotary
Boom Length	20 m	0 m
Wetted Width	45 m	55 m
Lane Spacings	40 m	50 m
Hose Length	150 to 200 m	150 to 200 m
Hose Diameter	65 mm - 80 mm	65 mm - 80 mm
Flow Range	22 to 55 m ³ /hr	22 to 55 m ³ /hr
Operating Pressure	280 K.P.A.	280 K.P.A.
Boom Height	1.5 m	2.1 m
Wheel Spacings Adjustable	1.6 to 2.0 m	1.6 m to 2.0 m
Travel Speeds	6	6
Area Covered	1.2 ha to 1.6 ha	1.5 ha to 2.0 ha

Figures are for reference purposes and are not binding in detail. We reserve the right to introduce changes to the specifications of the machine without prior notice.

DISTRIBUTOR:

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