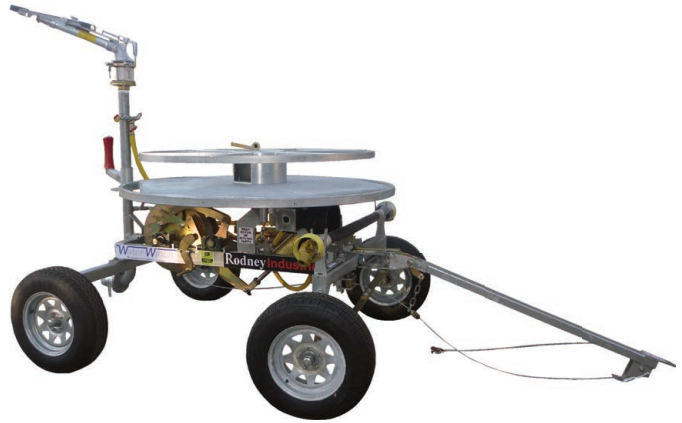


# RI250P WATER WINCH

## Piston Drive Travelling Irrigator



### OPERATING PRESSURE

413 – 482  
kPa



### FLOW RATE

5.15 – 12.51  
L/S



### WETTED WIDTH

69 – 89  
Mtrs



### TRAVEL DISTANCE PER RUN

Up to 300  
Mtrs

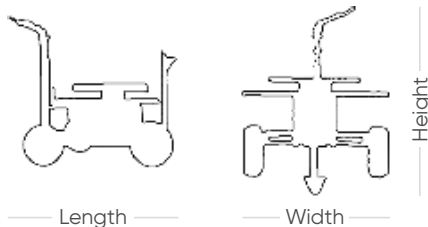


### GROUND CLEARANCE

250  
mm

## STANDARD EQUIPMENT

- Hose reel
- 310 m x 6 mm wire rope
- Brake kit
- No purge
- 175/75 x 14" galvanized steel rims & tyres
- PTO shaft
- Galvanized chassis
- Galvanized reel



### Weights and Dimensions

| Length<br>mm | Width<br>mm | Height<br>mm | Weight<br>kg |
|--------------|-------------|--------------|--------------|
| 2250         | 1830        | 1800         | 725          |

Please note: Weight does not include Big Gun or hose.

## FREIGHT INFORMATION



The RI250P requires a forklift for loading and unloading.  
Any truck size is suitable for transportation.

| Irrigator                             | Code   |
|---------------------------------------|--------|
| Travelling Irrigator RI250P Base Unit | RI250P |

| Irrigation Gun Options   | Code       |
|--------------------------|------------|
| Nelson SR100 Big Gun Kit | SR100K     |
| SIME Royal Kit           | 140036KIT  |
| Twin 101 Ultra 24" Kit   | 5010253KIT |

| Irrigation Hose Options          | Code     |
|----------------------------------|----------|
| Angus Flowmaster Hose 2½" x 150m | 25027APU |
| Angus Flowmaster Hose 3" x 150m  | 25031APU |

| Machine Options                       | Code    |
|---------------------------------------|---------|
| Purge Kit (Model MEC1000 Vacuum Pump) | 76099A  |
| Floatation Wheels                     | 76744UG |

| Fitting Options            | Code |
|----------------------------|------|
| Ring Type Coupler 2½" x 3" | 9990 |
| Ring Type Coupler 3" x 3"  | 9991 |

| Seal Kits                        | Code  |
|----------------------------------|-------|
| Seal Kit to suit Actuate Valve   | 76621 |
| Seal Kit to suit Ram Water Winch | 76719 |

# RI250P

## PERFORMANCE SPECIFICATIONS

| Sprinkler                     | Nozzle Dia. |     | Sprinkler Pressure |        | Output |       | Wetted Width |     | Approx Lane Spacing |     | 300m (15 Chain) Run  |      |                   |      |      |      | Average Precipitation Rate (Full Circle) | Angus Hose Friction Loss (PSI/KPA) Per 100 Mets @ 70PSI / 482KPA |       |      |      |     |     |      |     |     |     |      |      |     |
|-------------------------------|-------------|-----|--------------------|--------|--------|-------|--------------|-----|---------------------|-----|----------------------|------|-------------------|------|------|------|------------------------------------------|------------------------------------------------------------------|-------|------|------|-----|-----|------|-----|-----|-----|------|------|-----|
|                               |             |     |                    |        |        |       |              |     |                     |     | Approx. Area Per Run |      | Gross Application |      |      |      |                                          | 22 Hr Run                                                        |       | 2.5" |      | 3"  |     | 3.5" |     | 4"  |     | 4.5" |      |     |
|                               | mm          | Ins | kPa                | P.S.I. | l.p.s. | G.P.M | m            | Ft. | ha                  | ac  | mm                   | Ins  | mm                | Ins  | mm   | Ins  | mmp.h                                    | p.p.h.                                                           | KPA   | PSI  | KPA  | PSI | KPA | PSI  | KPA | PSI | KPA | PSI  |      |     |
| NELSON AUSTRALIA<br>SR100 21° | 18.0 0.712  |     | 413                | 60     | 5.15   | 68    | 69           | 228 | 45                  | 148 | 1.36                 | 3.36 | 14.9              | 0.59 | 299  | 1.18 | 5.3                                      | 21                                                               | 294   | 4.2  |      |     |     |      |     |     |     |      |      |     |
|                               |             |     | 482                | 70     | 5.53   | 73    | 72           | 237 | 47                  | 154 | 1.42                 | 3.50 | 15.4              | 0.61 | 30.9 | 1.22 | 5.3                                      | 21                                                               | 33.5  | 4.8  |      |     |     |      |     |     |     |      |      |     |
|                               | 19.5 0.768  |     | 413                | 60     | 6.06   | 80    | 71           | 232 | 46                  | 151 | 1.39                 | 3.43 | 17.2              | 0.68 | 34.5 | 1.36 | 6.0                                      | 24                                                               | 43.1  | 6.2  |      |     |     |      |     |     |     |      |      |     |
|                               |             |     | 482                | 70     | 6.59   | 87    | 74           | 243 | 48                  | 158 | 1.45                 | 3.59 | 18.0              | 0.71 | 36.0 | 1.42 | 6.0                                      | 24                                                               | 49.0  | 7.1  |      |     |     |      |     |     |     |      |      |     |
| NELSON AUSTRALIA<br>SR100 21° | 20.6 0.812  |     | 413                | 60     | 6.97   | 92    | 72           | 237 | 47                  | 154 | 1.42                 | 3.50 | 19.5              | 0.77 | 39.1 | 1.54 | 6.8                                      | 27                                                               | 50.8  | 7.3  |      |     |     |      |     |     |     |      |      |     |
|                               |             |     | 482                | 70     | 7.43   | 98    | 77           | 252 | 50                  | 164 | 1.51                 | 3.73 | 19.5              | 0.77 | 39.1 | 1.54 | 6.3                                      | 25                                                               | 60.3  | 8.7  |      |     |     |      |     |     |     |      |      |     |
|                               | 21.8 0.857  |     | 413                | 60     | 7.88   | 104   | 77           | 252 | 50                  | 164 | 1.51                 | 3.73 | 20.5              | 0.81 | 41.1 | 1.62 | 6.8                                      | 27                                                               | 66.5  | 9.6  |      |     |     |      |     |     |     |      |      |     |
|                               |             |     | 482                | 70     | 8.56   | 113   | 81           | 267 | 53                  | 174 | 1.60                 | 3.95 | 21.0              | 0.83 | 42.1 | 1.66 | 6.6                                      | 26                                                               | 73.5  | 10.6 |      |     |     |      |     |     |     |      |      |     |
| NELSON AUSTRALIA<br>SR100 21° | 22.7 0.895  |     | 413                | 60     | 8.94   | 118   | 80           | 262 | 52                  | 170 | 1.56                 | 3.86 | 22.6              | 0.89 | 45.2 | 1.78 | 7.1                                      | 28                                                               | 78.4  | 11.3 |      |     |     |      |     |     |     |      |      |     |
|                               |             |     | 482                | 70     | 9.63   | 127   | 86           | 281 | 56                  | 183 | 1.68                 | 4.16 | 22.6              | 0.89 | 45.2 | 1.78 | 6.8                                      | 27                                                               | 93.6  | 13.5 |      |     |     |      |     |     |     |      |      |     |
|                               | 23.6 0.927  |     | 413                | 60     | 10.38  | 137   | 81           | 267 | 53                  | 174 | 1.60                 | 3.95 | 25.6              | 1.01 | 51.8 | 2.02 | 8.1                                      | 32                                                               | 107.8 | 15.6 |      |     |     |      |     |     |     |      | 36.3 | 5.2 |
|                               |             |     | 482                | 70     | 11.22  | 148   | 87           | 286 | 57                  | 186 | 1.71                 | 4.22 | 25.9              | 1.02 | 51.8 | 2.04 | 7.6                                      | 30                                                               | 125.5 | 18.2 |      |     |     |      |     |     |     |      | 42.2 | 6.1 |
| NELSON AUSTRALIA<br>SR100 21° | 24.5 0.965  |     | 413                | 60     | 11.60  | 153   | 83           | 272 | 54                  | 177 | 1.63                 | 4.02 | 28.1              | 1.11 | 56.3 | 2.22 | 8.6                                      | 34                                                               | 134.3 | 19.4 | 46.8 | 6.8 |     |      |     |     |     |      |      |     |
|                               |             |     | 482                | 70     | 12.51  | 165   | 89           | 291 | 58                  | 189 | 1.74                 | 4.30 | 28.4              | 1.12 | 56.8 | 2.24 | 8.1                                      | 32                                                               | 150.4 | 21.8 | 51.2 | 7.4 |     |      |     |     |     |      |      |     |

Please note: Friction losses are to be used as a guide only.

