



Rodney Industries

2025



# RI 300T

## TRAVELLING IRRIGATORS



# MACHINE DETAILS & PERFORMANCE DATA

# RI300T

## TURBO WINCH

### Turbine Drive Travelling Irrigator



#### OPERATING PRESSURE

482 – 620  
kPa



#### FLOW RATE

12.43 – 19.56  
L/S



#### WETTED WIDTH

92 – 110  
Mtrs



#### TRAVEL DISTANCE PER RUN

Up to 400  
Mtrs

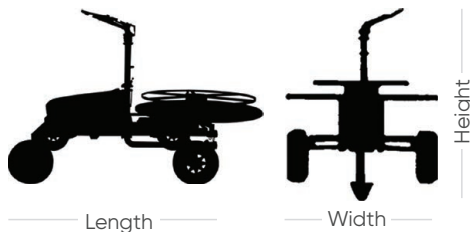


#### GROUND CLEARANCE

250  
mm

### STANDARD EQUIPMENT

- Hose reel
- 410 m x 6 mm wire rope
- 175/75 x 14" Galvanized Steel rims & tyres
- Brake kit
- Purge kit
- PTO shaft
- Galvanized chassis
- Galvanized reel



#### Weights and Dimensions

| Length<br>mm | Width<br>mm | Height<br>mm | Weight<br>kg |
|--------------|-------------|--------------|--------------|
| 4000         | 1830        | 2000         | 825          |

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

### FREIGHT INFORMATION



The RI300T requires a forklift for loading and unloading.  
Any truck size is suitable for transportation.

| Irrigator                             | Code   |
|---------------------------------------|--------|
| Travelling Irrigator RI300T Base Unit | RI300T |

| Irrigation Gun Options        | Code       |
|-------------------------------|------------|
| Nelson SR150 Big Gun Complete | SR150K     |
| Nelson SR200 Big Gun Complete | SR200K     |
| SIME Reflex Kit               | 140052KIT  |
| SIME Explorer Kit             | 140055KIT  |
| Twin 140 Ultra 24° Kit        | 5010254KIT |
| Twin 202 Ultra 24° Kit        | 5010256KIT |

| Irrigation Hose Options          | Code     |
|----------------------------------|----------|
| Angus Flowmaster Hose 3" x 200m  | 25032APU |
| Angus Flowmaster Hose 3½" x 150m | 25036APU |

| Machine Options                | Code |
|--------------------------------|------|
| Floatation Wheels 225/65 x 15" | POA  |

| Fitting Options            | Code  |
|----------------------------|-------|
| Ring Type Coupler 3" x 3"  | 9991  |
| Ring Type Coupler 3½" x 3" | 10002 |

# RI300T

## PERFORMANCE SPECIFICATIONS

| Sprinkler                                                                                        | Nozzle Dia. |       | Sprinkler Pressure |        | Output |       | Wetted Width |     | Approx Lane Spacing |     | 300m (15 Chain) Run  |      |                   |      |                      |      | 400m (20 Chain) Run |      |                      |       |                   |      | Average Precipitation Rate |        | Angus Hose Friction Loss (PSI/KPA) Per 100 Mts @ 70PSI / 482KPA |      |       |      |
|--------------------------------------------------------------------------------------------------|-------------|-------|--------------------|--------|--------|-------|--------------|-----|---------------------|-----|----------------------|------|-------------------|------|----------------------|------|---------------------|------|----------------------|-------|-------------------|------|----------------------------|--------|-----------------------------------------------------------------|------|-------|------|
|                                                                                                  |             |       |                    |        |        |       |              |     |                     |     | Approx. Area Per Run |      | Gross Application |      | Approx. Area Per Run |      | Gross Application   |      | Approx. Area Per Run |       | Gross Application |      | Approx. Area Per Run       |        |                                                                 |      |       |      |
|                                                                                                  | mm          | Ins   | kPa                | P.S.I. | I.p.s. | G.P.M | m            | Ft. | ha                  | ac  | mm                   | Ins  | mm                | Ins  | ha                   | ac   | mm                  | Ins  | mm                   | Ins   | mm                | Ins  | mmph                       | p.p.h. | KPA                                                             | PSI  | 3"    | 3.5" |
|                                                                                                  |             |       |                    |        |        |       |              |     |                     |     |                      |      |                   |      |                      |      |                     |      |                      |       |                   |      |                            |        |                                                                 |      |       |      |
| <br>SR150 21° | 27.4        | 1.080 | 482                | 70     | 12.43  | 164   | 92           | 301 | 60                  | 196 | 1.80                 | 4.45 | 271               | 1.07 | 54.6                 | 2.15 | 2.40                | 5.94 | 20.5                 | 0.81  | 40.8              | 1.61 | 7.6                        | 30     | 50.5                                                            | 7.3  | 31.6  | 4.6  |
|                                                                                                  |             |       | 551                | 80     | 13.27  | 175   | 94           | 310 | 61                  | 202 | 1.86                 | 4.56 | 281               | 1.11 | 56.3                 | 2.22 | 2.44                | 6.12 | 21.0                 | 0.83  | 42.4              | 1.67 | 7.6                        | 30     | 55.9                                                            | 8.1  | 35.5  | 5.1  |
|                                                                                                  | 30.0        | 1.180 | 482                | 70     | 15.47  | 204   | 98           | 320 | 64                  | 208 | 1.92                 | 4.73 | 32.0              | 1.26 | 63.7                 | 2.51 | 2.56                | 6.30 | 23.8                 | 0.94  | 48.0              | 1.89 | 8.3                        | 33     | 75.5                                                            | 10.9 | 47.4  | 6.8  |
|                                                                                                  |             |       | 551                | 80     | 16.45  | 217   | 101          | 330 | 66                  | 215 | 1.98                 | 4.89 | 32.7              | 1.29 | 65.7                 | 2.59 | 2.64                | 6.52 | 24.6                 | 0.974 | 49.2              | 1.94 | 8.3                        | 33     | 84.3                                                            | 12.2 | 52.9  | 7.6  |
| <br>SR150 21° | 32.0        | 1.260 | 482                | 70     | 18.65  | 246   | 104          | 340 | 68                  | 221 | 2.03                 | 5.02 | 36.3              | 1.43 | 72.6                 | 2.86 | 2.72                | 6.70 | 27.1                 | 1.07  | 54.3              | 2.14 | 8.8                        | 35     | 107.8                                                           | 15.6 | 67.6  | 9.8  |
|                                                                                                  |             |       | 551                | 80     | 19.86  | 262   | 106          | 349 | 69                  | 227 | 2.09                 | 5.16 | 37.5              | 1.48 | 75.1                 | 2.96 | 2.76                | 6.88 | 28.1                 | 1.11  | 56.3              | 2.22 | 9.1                        | 36     | 117.6                                                           | 17.0 | 74.5  | 10.8 |
|                                                                                                  | 34.0        | 1.340 | 482                | 70     | 22.44  | 296   | 108          | 354 | 70                  | 230 | 2.12                 | 5.23 | 41.9              | 1.65 | 83.8                 | 3.30 | 2.80                | 6.96 | 31.4                 | 1.24  | 62.9              | 2.48 | 9.9                        | 39     | 149.5                                                           | 21.7 | 93.8  | 13.6 |
|                                                                                                  |             |       | 551                | 80     | 24.03  | 317   | 112          | 369 | 73                  | 240 | 2.21                 | 5.45 | 43.1              | 1.70 | 86.3                 | 3.40 | 2.92                | 7.28 | 32.2                 | 1.27  | 64.5              | 2.54 | 9.9                        | 39     |                                                                 |      | 107.8 | 15.6 |
| <br>SR200 21° | 32.8        | 1.290 | 551                | 80     | 18.35  | 242   | 107          | 351 | 70                  | 228 | 2.10                 | 5.15 | 34.5              | 1.36 | 69.3                 | 2.73 | 2.79                | 6.89 | 25.9                 | 1.02  | 52.0              | 2.05 | 8.3                        | 33     |                                                                 |      | 66.5  | 9.6  |
|                                                                                                  |             |       | 620                | 90     | 19.56  | 258   | 110          | 361 | 72                  | 235 | 2.15                 | 5.30 | 35.8              | 1.41 | 71.6                 | 2.82 | 2.85                | 7.04 | 26.9                 | 1.06  | 53.7              | 2.12 | 8.3                        | 33     |                                                                 |      | 73.6  | 10.7 |

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





**Rodney Industries**

**Phone: 07 3624 0300**

**Email: [sales@rodneyind.com.au](mailto:sales@rodneyind.com.au)**

**Web: [www.rodneyind.com.au](http://www.rodneyind.com.au)**

