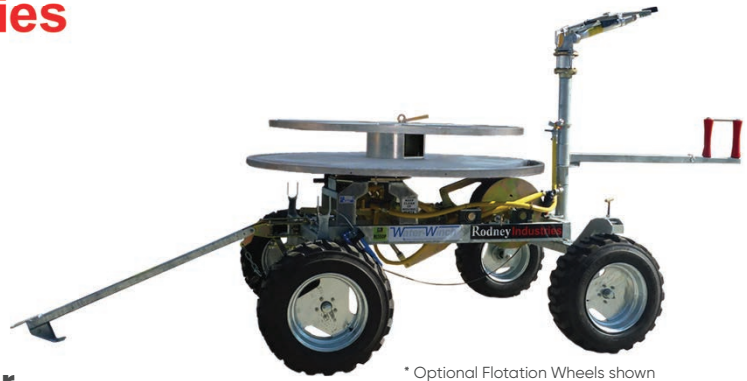


RI350P WATER WINCH

Piston Drive Travelling Irrigator



* Optional Flotation Wheels shown



OPERATING PRESSURE

482 - 620
kPa



FLOW RATE

7.58 - 39.50
L/S



WETTED WIDTH

80 - 136
Mtrs



TRAVEL DISTANCE PER RUN

Up to 400
Mtrs

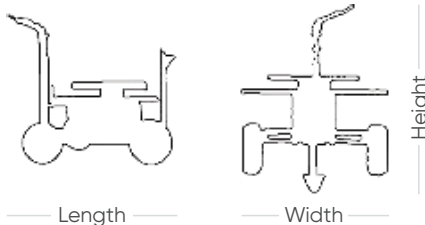


GROUND CLEARANCE

250
mm

STANDARD EQUIPMENT

- Hose reel
- 410 m x 7 mm wire rope
- Flotation tyres
- Brake kit
- No purge
- PTO shaft
- Galvanized chassis
- Galvanized reel



Weights and Dimensions

| Length mm | Width mm | Height mm | Weight kg |
|-----------|----------|-----------|-----------|
| 2450 | 1830 | 1800 | 875 |

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

FREIGHT INFORMATION

The RI350P requires a forklift for loading and unloading. Any truck size is suitable for transportation.



| Irrigator | Code |
|---------------------------------------|--------|
| Travelling Irrigator RI350P Base Unit | RI350P |

| Irrigation Gun Options | Code |
|--------------------------|------------|
| Nelson S150 Big Gun Kit | SR150K |
| Nelson SR200 Big Gun Kit | 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 200m | 25037APU |
| Angus Flowmaster Hose 4" x 150m | 25042APU/150M |

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

| Fitting Options | Code |
|----------------------------|------|
| Ring Type Coupler 4" x 4" | 9994 |
| Ring Type Coupler 3½" x 4" | 9997 |

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

RI350P

PERFORMANCE SPECIFICATIONS

| Sprinkler | Nozzle Dia. | | Sprinkler Pressure | | Output | | Wetted Width | | Approx Lane Spacing | | 300m (15 Chain) Run | | | | 400m (20 Chain) Run:2:16 | | | | Average Precipitation Rate (Full Circle) | | Angus Hose Friction Loss (PSI/KPA) Per 100 Meters @ 70PSI / 482KPA | | | | | | | | | | |
|-------------------------------|-------------|-------|--------------------|--------|--------|-------|--------------|-----|---------------------|------|----------------------|------|---|-------|---|------|------|------|--|--------|--|------|------|-------|-------|-------|------|------|-------|-------|------|
| | mm | Ins | kPa | P.S.I. | I.p.s. | G.P.M | m | Ft. | m | Ft. | Approx. Area Per Run | | Gross Application 11 Hr. Run 18" per Min. | | Gross Application 22 Hr Run 9" per Min. | | mm | Ins | mmp.h | p.p.h. | 3" | | 3.5" | | 4" | | | | | | |
| | | | | | | | | | | | ha | ac | mm | Ins | mm | Ins | | | | | KPA | PSI | KPA | PSI | KPA | PSI | KPA | PSI | | | |
| NELSON AUSTRALIA SR150 21* | 21.8 | 0.860 | 482 | 70 | 7.58 | 100 | 80 | 262 | 52 | 170 | 1.56 | 3.86 | 190 | 0.75 | 38.3 | 1.51 | 2.08 | 5.15 | 14.4 | 0.57 | 28.9 | 1.14 | 6.0 | 27 | 20.0 | 2.8 | | | | | |
| | | | 551 | 80 | 8.11 | 107 | 83 | 272 | 54 | 177 | 1.63 | 4.02 | 195 | 0.77 | 39.3 | 1.55 | 2.16 | 5.36 | 14.7 | 0.58 | 29.4 | 1.16 | 6.0 | 27 | 21.6 | 3.1 | | | | | |
| | 24.6 | 0.970 | 482 | 70 | 9.78 | 129 | 86 | 281 | 56 | 183 | 1.68 | 4.16 | 228 | 0.90 | 45.9 | 1.81 | 2.24 | 5.54 | 17.2 | 0.68 | 34.5 | 1.36 | 6.8 | 27 | 32.4 | 4.7 | 20.3 | 2.8 | | | |
| | | | 551 | 80 | 10.38 | 137 | 89 | 291 | 58 | 189 | 1.74 | 4.30 | 236 | 0.93 | 47.2 | 1.86 | 2.32 | 5.72 | 17.7 | 0.70 | 35.5 | 1.40 | 6.8 | 27 | 36.3 | 5.2 | 23.0 | 3.3 | | | |
| | 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 | 12.7 | 1.8 | |
| | | | 511 | 80 | 13.27 | 175 | 94 | 310 | 61 | 202 | 1.86 | 4.59 | 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 | 14.2 | 2.0 | |
| | 30.0 | 1.180 | 482 | 70 | 15.47 | 204 | 98 | 320 | 64 | 208 | 1.92 | 4.73 | 320 | 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 | 19.3 | 2.8 | |
| | | | 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 | 0.97 | 49.2 | 1.94 | 8.3 | 33 | 84.3 | 12.2 | 52.9 | 7.6 | 21.5 | 3.1 | |
| | 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 | 27.4 | 3.9 | |
| | | 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 | 31.4 | 4.5 | | |
| | | 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 | 38.2 | 5.5 | | |
| | | 551 | 80 | 24.03 | 317 | 112 | 369 | 73 | 240 | 2.21 | 5.45 | 43.1 | 1.70 | 76.3 | 3.40 | 2.92 | 7.28 | 32.2 | 1.27 | 64.5 | 2.54 | 9.9 | 39 | | | 107.8 | 15.6 | 39.2 | 5.7 | | |
| | | 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 | 26.0 | 3.7 | | |
| | | 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 | 30.2 | 4.3 | | |
| | | 551 | 80 | 24.03 | 317 | 116 | 380 | 75 | 247 | 2.25 | 5.60 | 41.9 | 1.65 | 83.8 | 3.30 | 3.00 | 7.40 | 31.4 | 1.27 | 62.7 | 2.47 | 9.1 | 36 | | | 107.8 | 15.6 | 39.2 | 5.7 | | |
| | | 620 | 90 | 25.55 | 337 | 120 | 394 | 78 | 256 | 2.30 | 5.80 | 42.9 | 1.69 | 85.8 | 3.38 | 3.10 | 7.70 | 32.2 | 1.27 | 64.5 | 2.54 | 9.1 | 36 | | | 107.8 | 15.6 | 39.2 | 5.7 | | |
| | | 551 | 80 | 28.13 | 371 | 122 | 399 | 79 | 259 | 2.35 | 5.85 | 46.7 | 1.84 | 93.4 | 3.68 | 3.20 | 7.80 | 35.0 | 1.38 | 70.1 | 2.76 | 9.9 | 39 | | | 140.6 | 20.4 | 47.5 | 6.9 | | |
| | | 620 | 90 | 30.03 | 396 | 126 | 413 | 82 | 268 | 2.45 | 6.05 | 48.2 | 1.90 | 96.2 | 3.79 | 3.30 | 8.10 | 36.3 | 1.43 | 72.3 | 2.85 | 9.9 | 39 | | | | | | 58.8 | 8.5 | |
| | | 551 | 80 | 32.53 | 429 | 127 | 418 | 83 | 272 | 2.50 | 6.15 | 51.5 | 2.03 | 102.8 | 4.05 | 3.30 | 8.20 | 38.6 | 1.52 | 77.2 | 3.04 | 10.4 | 41 | | | | | | 63.7 | 9.2 | |
| | | 620 | 90 | 34.42 | 454 | 132 | 432 | 86 | 281 | 2.55 | 6.35 | 52.8 | 2.08 | 105.4 | 4.15 | 3.40 | 8.50 | 39.6 | 1.56 | 78.9 | 3.11 | 10.4 | 41 | | | | | | 78.4 | 11.3 | |
| | | 551 | 80 | 37.23 | 491 | 132 | 432 | 86 | 281 | 2.55 | 6.35 | 56.8 | 2.24 | 114.0 | 4.49 | 3.40 | 8.50 | 42.6 | 1.68 | 85.5 | 3.37 | 11.1 | 44 | | | | | | 85.2 | 12.3 | |
| | | 620 | 90 | 39.50 | 521 | 136 | 447 | 88 | 291 | 2.60 | 6.60 | 58.4 | 2.30 | 116.8 | 4.60 | 3.46 | 8.55 | 43.8 | 1.72 | 89.6 | 3.45 | 11.1 | 44 | | | | | | 102.9 | 14.9 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 113.0 | 16.4 |

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

