



Rodney Industries

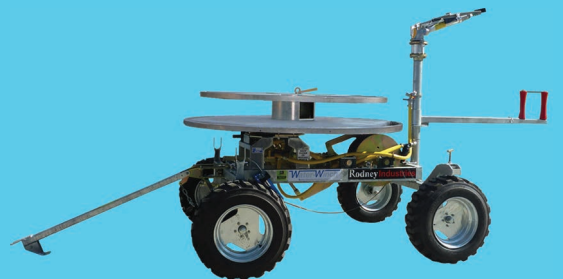
2025



RI 350P

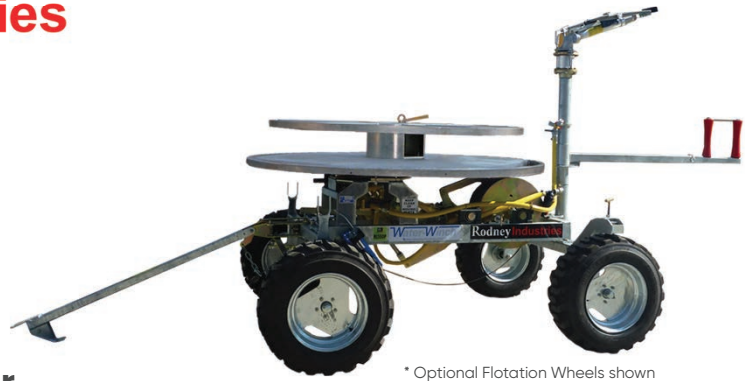
TRAVELLING IRRIGATORS

MACHINE DETAILS & PERFORMANCE DATA



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

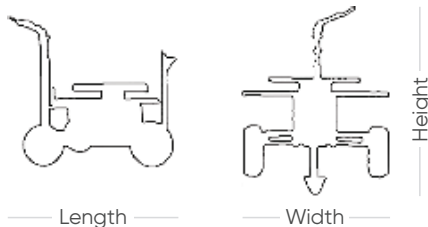


GROUND CLEARANCE

250
mm

STANDARD EQUIPMENT

- Hose reel
- 410 m x 7 mm wire rope
- Brake kit
- No purge
- 175/75 x 14" galvanized steel rims & tyres
- 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

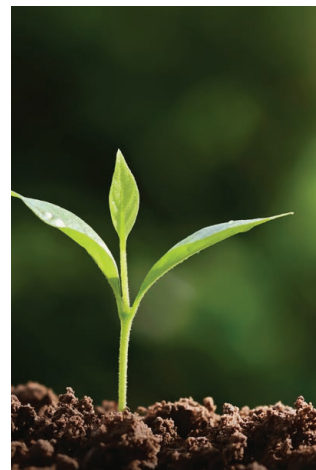
Seal Kits	Code
Seal Kit to suit Actuate Valve	76621
Seal Kit to suit Ram Water Winch	76719

RI350P

PERFORMANCE SPECIFICATIONS

Sprinkler	Nozzle Dia.		Sprinkler Pressure		Output		Wetted Width		Approx Lane Spacing		300m (15 Chain) Run						400m (20 Chain) Run						Average Precipitation Rate (Full Circle)		Angus Hose Friction Loss (PSI/KPA) Per 100 Mts @ 70PSI / 482KPA											
											Approx. Area Per Run			Gross Application 11 Hr. Run 18" per 9" per Min.			Approx. Area Per Run			Gross Application 11 Hr. Run 18" per 9" per Min.											Approx. Area Per Run			Gross Application 22 Hr Run 9" per Min.		
	mm	Ins	kPa	P.S.I.	I.p.s.	G.P.M	m	Ft.	m	Ft.	ha	ac	mm	Ins	mm	Ins	ha	ac	mm	Ins	mm	Ins	mmp.h	p.p.h.							KPA	PSI	KPA	PSI	KPA	PSI
 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										
	24.6	0.970	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							32.4	4.7	20.3	2.8
			482	70	9.78	129	86	281	56	183	1.68	4.16	22.8	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	23.6	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						
	30.0	1.180	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						
			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	19.3	2.8						
	32.0	1.260	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						
			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						
	34.0	1.340	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						
 SR200 21°	32.8	1.290	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						
	37.1	1.460	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		
	39.6	1.560	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								
	42.2	1.660	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							140.6	20.4	47.5	6.9		
44.2	1.740	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	58.8							8.5					
		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	63.7	9.2											
44.2	1.740	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	78.4	11.3											
		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	85.2	12.3											
44.2	1.740	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							102.9	14.9					
		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							113.0	16.4					

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





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