



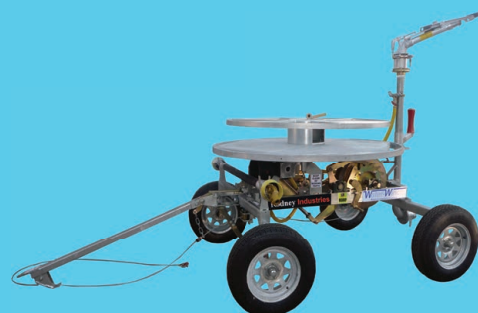
Rodney Industries

2025



RI 300P

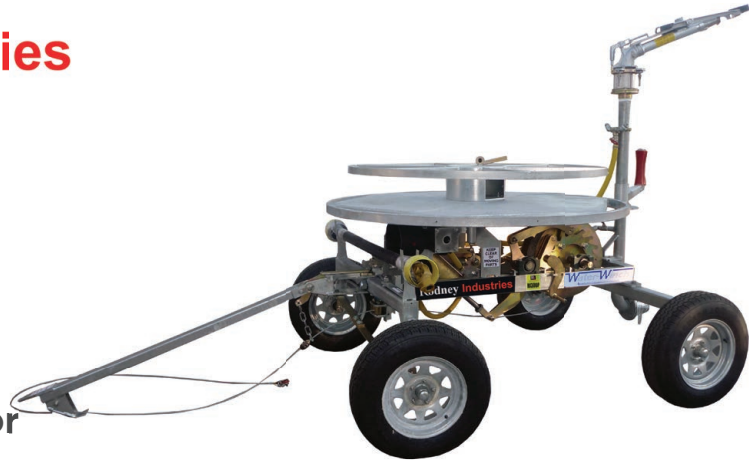
TRAVELLING IRRIGATORS



MACHINE DETAILS & PERFORMANCE DATA

RI300P WATER WINCH

Piston Drive Travelling Irrigator



OPERATING PRESSURE

413 – 551
kPa



FLOW RATE

10.38 – 24.03
L/S



WETTED WIDTH

81 – 112
Mtrs



TRAVEL DISTANCE PER RUN

Up to 400
Mtrs

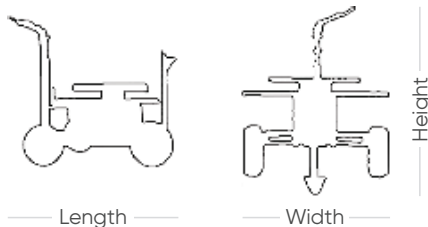


GROUND CLEARANCE

250
mm

STANDARD EQUIPMENT

- Hose reel
- 410 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 mm	Width mm	Height mm	Weight kg
2450	1830	1800	825

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

FREIGHT INFORMATION



The RI300P requires a forklift for loading and unloading.
Any truck size is suitable for transportation.

Irrigator	Code
Travelling Irrigator RI300P Base Unit	RI300P

Irrigation Gun Options	Code
Nelson SR100 Big Gun Kit	SR100K
Nelson SR150 Big Gun Kit	SR150K
SIME Royal Kit	140036KIT
SIME Reflex Kit	140052KIT
Twin 101 Ultra 24° Kit	5010253KIT
Twin 140 Ultra 24° Kit	5010254KIT

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

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

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

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

RI300P

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 Meters @ 70PSI / 482KPA				
											Approx. Area Per Run		Gross Application				Approx. Area Per Run		Gross Application										
	mm	Ins	kPa	P.S.I.	l.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	
 SR100 21°	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	2.13	5.28	193	0.76	38.6	1.52	8.1	32	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	2.28	5.64	195	0.77	391	1.54	7.6	30	42.2	6.1					
	413	60	11.60	153	83	272	54	177	1.63	4.02	28.1	1.11	56.3	2.22	2.16	5.36	210	0.83	42.1	1.66	8.6	34	46.8	6.8					
	482	70	12.51	165	89	291	58	189	1.74	4.3	28.4	1.12	56.8	2.24	2.32	5.72	213	0.84	42.6	1.68	8.1	32	51.2	7.4					
	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	24	20.0	2.8					
21.8	0.860	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	24	21.6	3.1				
482	70	8.78	129	86	281	56	183	1.68	4.16	22.8	0.90	45.9	1.81	2.24	5.54	172	0.38	34.5	1.36	6.8	27	32.4	4.7	20.3	2.8				
24.6	0.970	551	80	10.38	137	89	291	58	189	1.74	4.3	23.6	0.93	47.2	1.86	2.32	5.72	177	0.70	35.5	1.40	6.8	27	36.3	5.2	23.0	3.3		
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				
27.4	1.080	551	80	13.27	175	94	310	61	202	1.86	4.59	28.1	1.11	56.3	2.22	2.44	6.12	210	0.83	42.4	1.67	7.6	30	55.9	8.1	35.5	5.1		
482	70	15.47	204	98	320	64	208	192	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				
30.0	1.180	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		
482	70	18.65	246	104	340	68	221	203	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				
32.0	1.260	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		
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				
34.0	1.340	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			



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



Rodney Industries

Phone: 07 3624 0300

Email: sales@rodneyind.com.au

Web: www.rodneyind.com.au

