



Rodney Industries

2025



RI 350T

TRAVELLING IRRIGATORS

MACHINE DETAILS & PERFORMANCE DATA



RI350T TURBO WINCH

Turbine Drive Travelling Irrigator



OPERATING PRESSURE

482 – 620
kPa



FLOW RATE

12.43 – 39.50
L/S



WETTED WIDTH

92 – 136
Mtrs



TRAVEL DISTANCE PER RUN

Up to 400
Mtrs

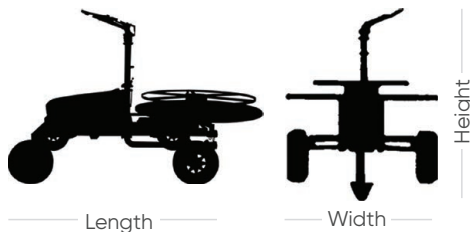


GROUND CLEARANCE

250
mm

STANDARD EQUIPMENT

- Hose reel
- 410 m x 7 mm wire rope
- 175/75 x 14" Galvanized Steel rims & tyres
- Brake kit
- Purge kit
- PTO shaft
- Galvanized chassis
- Galvanized reel



Weights and Dimensions

Length mm	Width mm	Height mm	Weight kg
4000	1830	2000	875

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

FREIGHT INFORMATION



The RI350T requires a forklift for loading and unloading.
Any truck size is suitable for transportation.

Irrigator	Code
Travelling Irrigator RI350T Base Unit	RI350T

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 3½" x 200m	25037APU
Angus Flowmaster Hose 4" x 150m	25042APU/150M

Wheel Options	Code
Floatation Wheels 225/65 x 15"	POA

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

RI350T

PERFORMANCE SPECIFICATIONS

Sprinkler	Nozzle Dia.		Sprinkler Pressure		Output		Wetted Width		Approx Lane Spacing		300m (15 Chain) Run						400m (20 Chain) Run2:16						Average Precipitation Rate (Full Circle)		Angus Hose Friction Loss (PSI/ KPA) Per 100 Mets @ 70PSI / 482KPA				
	mm	Ins	kPa	P.S.I.	l.p.s.	G.P.M	m	Ft.	m	Ft.	Approx. Area Per Run			Gross Application 22 Hr Run 9" per Min.			Approx. Area Per Run			Gross Application 22 Hr Run 9" per Min.			mmp.h	p.p.h.	KPA	PSI	KPA	PSI	
											ha	ac	mm	Ins	mm	Ins	mm	Ins	ha	ac	mm	Ins							mm
 SR150 21°	274	1.080	482	70	12.43	164	92	301	60	196	1.80	4.45	271	1.07	54.6	2.15	2.40	594	20.5	0.81	40.8	1.61	7.6	30	31.6	4.6	12.7	1.8	
			551	80	13.27	175	94	310	61	202	1.86	4.56	281	1.11	56.3	2.22	2.44	612	21.0	0.83	42.4	1.67	7.6	30	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	32.0	1.26	63.7	2.51	2.56	630	23.8	0.94	48.0	1.89	8.3	33	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	652	24.6	0.974	49.2	1.94	8.3	33	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	670	27.1	1.07	54.3	2.14	8.8	35	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	688	28.1	1.11	56.3	2.22	9.1	36	74.5	10.8	31.4	4.5	
	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	696	31.4	1.24	62.9	2.48	9.9	39	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	86.3	3.40	2.92	728	32.2	1.27	64.5	2.54	9.9	39	107.8	15.6	39.2	5.7	
	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	689	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	704	26.9	1.06	53.7	2.12	8.3	33	73.6	10.7	30.2	4.3	
 SR200 21°	371	1.460	551	80	24.03	317	116	380	75	247	2.25	5.60	41.9	1.65	83.8	3.30	3.00	740	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	770	32.2	1.27	64.5	2.54	9.1	36	140.6	20.4	47.5	6.9	
	396	1.560	551	80	28.13	371	122	399	79	259	2.35	5.85	46.7	1.84	93.4	3.68	3.20	780	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	810	36.3	1.43	72.3	2.85	9.9	39			63.7	9.2	
	42.2	1.660	551	80	32.53	429	127	418	83	272	2.50	6.15	51.5	2.03	102.8	4.05	3.30	820	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	850	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	850	42.6	1.68	85.5	3.77	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	855	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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