

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

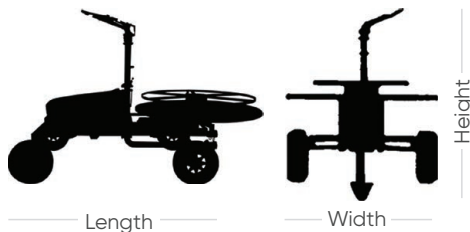


GROUND CLEARANCE

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.	Approx.			Gross Application				Approx.			Gross Application			mmp.h	p.p.h.	KPA	PSI	KPA	PSI
													ha	ac	mm	Ins	mm	22 Hr Run 18" per Min.		22 Hr Run 9" per Min.	Area Per Run	11 Hr. Run 18" per Min.	11 Hr. Run 22 Hr Run 9" per Min.	mm	Ins						
 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	5.94	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	6.12	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	6.30	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	6.52	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	6.70	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	6.88	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	6.96	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	7.28	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	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			
 SR200 21°	37.1	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	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	140.6	20.4	47.5	6.9			
	39.6	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	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	8.20	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	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	3.77	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	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.