

RI300T

TURBO WINCH

Turbine Drive Travelling Irrigator



OPERATING PRESSURE

482 – 620
kPa



FLOW RATE

12.43 – 19.56
L/S



WETTED WIDTH

92 – 110
Mtrs



TRAVEL DISTANCE PER RUN

Up to 400
Mtrs

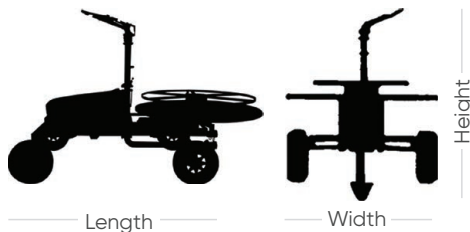


GROUND CLEARANCE

250
mm

STANDARD EQUIPMENT

- Hose reel
- 410 m x 6 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	825

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

FREIGHT INFORMATION



The RI300T requires a forklift for loading and unloading.
Any truck size is suitable for transportation.

Irrigator	Code
Travelling Irrigator RI300T Base Unit	RI300T

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

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

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

RI300T

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							
	mm	Ins	kPa	P.S.I.	l.p.s.	G.P.M	m	Ft.	m	Ft.	Approx. Area Per Run		Gross Application		Approx. Area Per Run		Gross Application		mmp.h	p.p.h.	KPA	PSI	KPA	PSI				
											ha	ac	mm	Ins	mm	Ins	mm	Ins							mm	Ins	mm	Ins
 SR150 21°	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
			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	55.9	8.1	35.5	5.1
	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	75.5	10.9	47.4	6.8
			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	84.3	12.2	52.9	7.6
 SR150 21°	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
			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
	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	149.5	21.7	93.8	13.6
			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
 SR200 21°	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
			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



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