

TECHNICAL DATASHEET TURBOCAR

SMART – G2



Illustrative purposes only; the model shown here could be different that one supplied

STANDARD EQUIPMENT

- High efficiency partial flow turbine drive directly coupled to the gearbox (minimum pressure losses in its category)
- 4 speed gearbox with oil lubrication
- Safety devices for PTO and rewinding out of the drum
- Moving transmission through toothed crown, which is placed close to the maximum stress point on the drum and not pushing against the hose reel borders
- Leadscrew driven hose layering guide
- By-pass “double action” for automatic speed control
- Glycerine filled pressure gauge
- Digital hour meters
- Huge diameter 360° turntable
- Rotation system for the upper turret
- Mechanical trolley lift and stacker legs operations
- Additional stacker legs on the tow-bar
- Hot galvanised steel lower frame, upper frame, pipework with double water inlet and components
- 3 wheels hot galvanised sprinkler trolley with adjustable track
- Accident prevention protections according to CE standard
- Sprinkler with set of nozzles
- High resistant medium density PE hose with differentiated thickness
- Instructions and maintenance handbook
- CE Certificate
- Warranty certificate

Available Models

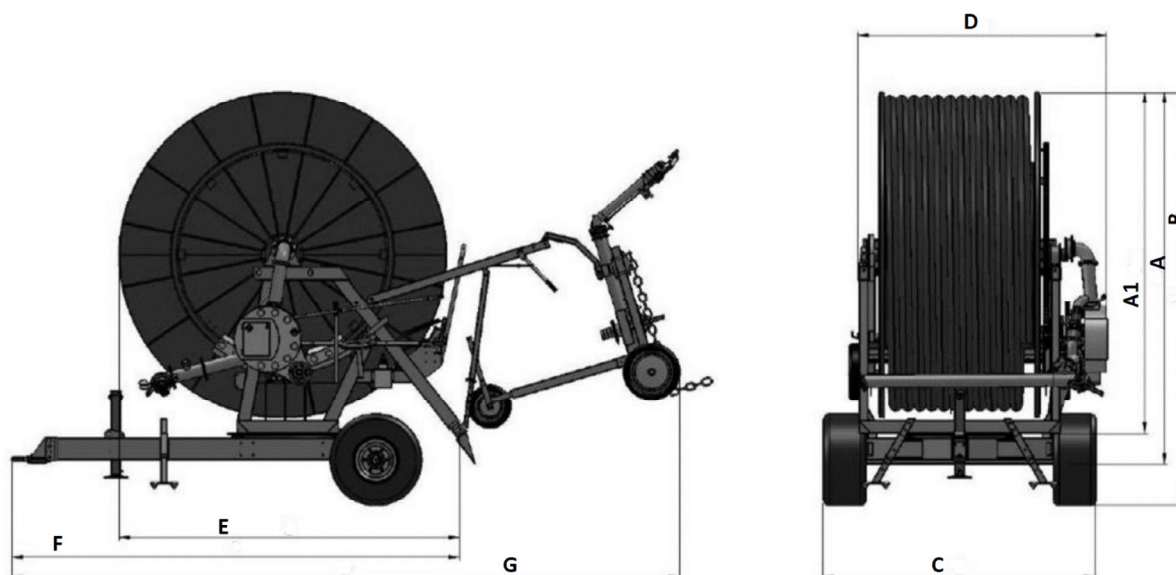
Structure	Model	Type	Hose Ending	P.E. Hose Ø (in)	Hose Length (feet)	Sprinkler
G2	75 G 300	A	8	2.75	984	ROYAL / TWIN 101

Technical Features

Model: 75 G 300

Nozzle size	PRESSURE						IRRIGATED STRIP						PRECIPITATION RATES IN METRIC IN MILLIMETERS (in BLUE) / IMPERIAL IN INCHES (in WHITE)														
	Inlet		Sprinkler		Flow		Radius		Diameter		Suggested @ 85%		33 10 49 15 66 20 82 25 98 30 131 40 164 50				REWINDING TIME IN HOURS VELOCITY IMPERIAL FEET / HOUR (in WHITE) / METRIC METERS / HOUR (in BLUE)										
	IN	MM	PSI	BAR	PSI	BAR	GPM	MC/H	FT	MT	FT	MT	FT	MT	FT	MT	FT	MT	FT	MT	FT	MT	FT	MT			
0.47	12	66	4.5	44	3	63	14.3	92	28	184	56	156	48	1.19	30.1	0.79	20.1	0.59	15.1	0.48	12.1	0.39	10.0	0.30	7.5	0.24	6.0
		85	5.8	59	4	73	16.6	102	31	203	62	173	53	1.24	31.5	0.83	21.0	0.62	15.8	0.50	12.6	0.41	10.5	0.31	7.9	0.25	6.3
		105	7.1	74	5	82	18.5	112	34	223	68	190	58	1.26	32.1	0.84	21.4	0.63	16.0	0.50	12.8	0.42	10.7	0.31	8.0	0.25	6.4
0.55	14	74	5.0	44	3	80	18.2	98	30	197	60	167	51	1.40	35.6	0.94	23.8	0.70	17.8	0.56	14.3	0.47	11.9	0.35	8.9	0.28	7.1
		96	6.5	59	4	93	21.1	112	34	223	68	190	58	1.43	36.4	0.96	24.3	0.72	18.2	0.57	14.6	0.48	12.1	0.36	9.1	0.29	7.3
		116	7.9	74	5	103	23.5	118	36	236	72	201	61	1.51	38.3	1.01	25.6	0.76	19.2	0.60	15.3	0.50	12.8	0.38	9.6	0.30	7.7
0.63	16	85	5.8	44	3	100	22.7	105	32	210	64	178	54	1.64	41.7	1.09	27.8	0.82	20.8	0.66	16.7	0.55	13.9	0.41	10.4	0.33	8.3
		106	7.2	59	4	111	25.1	115	35	230	70	195	60	1.67	42.3	1.11	28.2	0.83	21.1	0.67	16.9	0.56	14.1	0.42	10.5	0.33	8.5
		134	9.1	74	5	129	29.2	125	38	249	76	212	65	1.78	45.2	1.19	30.2	0.89	22.6	0.71	18.1	0.59	15.1	0.44	11.3	0.35	9.0
0.71	18	98	6.7	44	3	121	27.6	108	33	217	66	184	56	1.94	49.2	1.29	32.8	0.97	24.6	0.78	19.7	0.65	16.4	0.48	12.3	0.39	9.8
		128	8.7	59	4	140	31.9	121	37	243	74	206	63	2.00	50.7	1.33	33.8	1.00	25.4	0.80	20.3	0.67	16.9	0.50	12.7	0.40	10.1
		156	10.6	74	5	157	35.6	135	41	269	82	229	70	2.01	51.1	1.34	34.1	1.01	25.6	0.81	20.5	0.67	17.0	0.50	12.8	0.40	10.2

Weight and Overall Dimensions



Structure	Type	Wheels	A1	A	B	C	D	E	F	G	LB
G2	A	205/60.15-5F	79.5	86.6	98.4	70.8	68.5	82.2	125.5	188.9	3307 to 3527