TECHNICAL DATASHEET TURBOCAR

ACTIVE – G5

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 lubrification
- 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
- Exclusive “safety lock” rotation system from trolley lift which blocks the automatic rotation in case of emergency and allows a single operator to turn the machine safely and with minimum effort
- Trolley lift and stacker legs driven by hydraulic pistons incorporated inside the structure
- 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, height and legs
- 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
G5	110 G 420	B	10	4.33	1377	REFLEX / TWIN 160
	125 G 400	L	9	4.92	1312	EXPLORER / TWIN 202

Technical Features

Model: 110 G 420

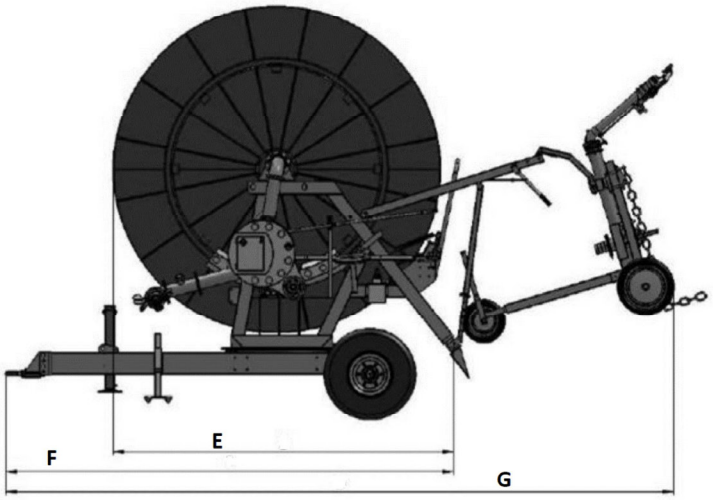
Nozzle size		PRESSURE				Flow		Radius		IRRIGATED STRIP				PRECIPATATION RATES IN METRIC IN MILLIMETERS (in BLUE) / IMPERIAL IN INCHES (in WHITE)													
		Inlet		Sprinkler						Diameter		Suggested @ 85%		49	15	66	20	82	25	98	30	131	40	164	50	197	60	230	70
IN	MM	PSI	BAR	PSI	BAR	GPM	MC/H	FT	MT	FT	MT	FT	MT	REWINDING TIME IN HOURS VELOCITY IMPERIAL FEET / HOUR (in WHITE) / METRIC METERS / HOUR (in BLUE)															
0.94	24	69	4.7	44	3	164	37.4	128	39	256	78	218	66.3	1.48	37.6	1.11	28.2	0.89	22.6	0.74	18.8	0.56	14.1	0.44	11.3	0.37	9.4	0.32	8.1
		88	6.0	59	4	190	43.2	144	44	289	88	2445	74.8	1.52	38.5	1.14	28.9	0.91	23.1	0.76	19.3	0.57	14.4	0.46	11.6	0.38	9.6	0.33	8.3
		109	7.4	74	5	213	48.4	157	48	315	96	268	81.6	1.56	39.5	1.17	29.6	0.93	23.7	0.78	19.8	0.58	14.8	0.47	11.9	0.39	9.9	0.33	8.5
1.02	26	75	5.1	44	3	193	43.9	135	41	269	82	229	69.7	1.65	42.0	1.24	31..5	0.99	25.2	0.83	21.0	0.62	15.8	0.50	12.6	0.41	10.5	0.35	9.0
		96	6.5	59	4	223	50.8	151	46	302	92	257	78.2	1.70	43.3	1.28	32.5	1.02	26.0	0.85	21.6	0.64	16.2	0.51	13.0	0.43	10.8	0.37	9.3
		118	8.0	74	5	250	56.8	167	51	335	102	284	86.7	1.72	43.6	1.29	32.7	1.03	26.2	0.86	21.8	0.65	16.4	0.52	13.1	0.43	10.9	0.37	9.4
1.10	28	81	5.5	44	3	224	50.9	144	44	289	88	245	74.8	1.78	45.3	1.34	34.0	1.07	27.2	0.89	22.7	0.67	17.0	0.55	13.6	0.44	11.3	0.38	9.7
		104	7.1	59	4	259	58.9	157	48	315	96	268	81.6	1.89	48.1	1.42	36.1	1.14	28.9	1.14	28.9	0.71	18.0	0.57	14.4	0.47	12.0	0.41	10.3
		128	8.7	74	5	289	65.8	171	52	341	104	290	88.4	1.95	49.6	1.46	37.2	1.17	29.8	1.17	29.8	0.73	18.6	0.59	14.9	0.49	12.4	0.42	10.6
1.18	30	94	6.4	44	3	257	58.4	151	46	302	92	257	78.2	1.96	49.8	1.47	37.4	1.18	29.9	1.18	29.9	0.74	18.7	0.59	14.9	0.49	12.5	0.42	10.7
		116	7.9	59	4	298	67.6	164	50	328	100	279	85.0	2.09	53.0	1.57	39.8	1.25	31.8	1.25	31.8	0.78	19.9	0.63	15.9	0.52	13.3	0.45	11.4
		143	9.7	74	5	333	75.6	177	54	354	108	301	91.8	2.16	54.9	1.62	41.2	1.30	32.9	1.30	32.9	0.81	20.6	0.65	16.5	0.54	13.7	0.46	11.8

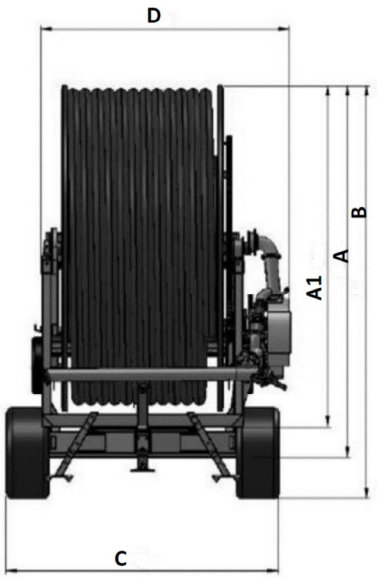
Model: 125 G 400

Nozzle size		PRESSURE				Flow		Radius		IRRIGATED STRIP				PRECIPATATION RATES IN METRIC IN MILLIMETERS (in BLUE) / IMPERIAL IN INCHES (in WHITE)													
		Inlet		Sprinkler						Diameter		Suggested @ 85%		49	15	66	20	82	25	98	30	131	40	164	50	197	60	230	70
IN	MM	PSI	BAR	PSI	BAR	GPM	MC/H	FT	MT	FT	MT	FT	MT	REWINDING TIME IN HOURS VELOCITY IMPERIAL FEET / HOUR (in WHITE) / METRIC METERS / HOUR (in BLUE)															
1.02	26	85	5.8	59	4	223	50.8	151	46	302	92	257	78.2	1.70	43.3	1.28	32.5	1.02	26.0	0.85	21.6	0.64	16.2	0.51	13.0	0.43	10.8	0.37	9.3
		103	7.0	74	5	250	56.8	167	51	335	102	284	86.7	1.72	43.6	1.29	32.7	1.03	26.2	0.86	21.8	0.65	16.4	0.52	13.1	0.43	10.9	0.37	9.4
		123	8.4	88	6	285	64.8	171	52	341	104	290	88.4	1.93	48.9	1.44	36.7	1.15	29.3	0.96	24.4	0.72	18.3	0.58	14.7	0.48	12.2	0.41	10.5
1.10	28	90	6.1	59	4	259	58.9	157	48	315	96	268	81.6	1.89	48.1	1.42	36.1	1.14	28.9	0.94	24.0	0.71	18.0	0.57	14.4	0.47	12.0	0.41	10.3
		110	7.5	74	5	289	65.8	171	52	341	104	290	88.4	1.95	49.6	1.46	37.2	1.17	29.8	0.98	24.8	0.73	18.6	0.59	14.9	0.49	12.4	0.42	10.6
		131	8.9	88	6	317	72.1	180	55	361	110	307	93.5	2.02	51.4	1.52	38.6	1.22	30.9	1.01	25.7	0.76	19.3	0.61	15.4	0.51	12.9	0.43	11.0
1.18	30	97	6.6	59	4	298	67.6	164	50	328	100	279	85.0	2.09	53.0	1.57	39.8	1.25	31.8	1.04	26.5	0.78	19.9	0.63	15.9	0.52	13.3	0.45	11.4
		119	8.1	74	5	333	75.6	177	54	354	108	301	91.8	2.16	54.9	1.62	41.2	1.30	32.9	1.08	27.5	0.81	20.6	0.65	16.5	0.54	13.7	0.46	11.8
		144	9.8	88	6	380	86.4	190	58	381	116	324	98.6	2.30	58.4	1.72	43.8	1.38	35.1	1.15	29.2	0.86	21.9	0.69	17.5	0.57	14.6	0.49	12.5
1.26	32	106	7.2	59	4	338	76.9	171	52	341	104	290	88.4	2.28	58.0	1.71	43.5	1.37	34.8	1.14	29.0	0.86	21.8	0.69	17.4	0.57	14.5	0.49	12.4
		128	8.7	74	5	378	86.0	184	56	367	112	312	95.2	2.37	60.2	1.78	45.2	1.42	36.1	1.19	30.1	0.89	22.6	0.71	18.1	0.59	15.1	0.51	12.9
		151	10.3	88	6	414	94.2	194	59	387	118	329	100.3	2.46	62.6	1.85	47.0	1.48	37.6	1.23	31.3	0.92	23.5	0.74	18.8	0.62	15.7	0.53	13.4

Specifications subject to change without prior notice

Weight and Overall Dimensions





Structure	Type	Wheels	A1	A	B	C	D	E	F	G	LB
G5	B	10.0/75.15.3-6F	111.8	122.8	136.2	95.2	87.4	117.7	160.6	236.2	6944 to 9700
		11.5/80.15.3-6F	111.8	122.8	137.7	96.4	87.4	117.7	160.6	236.2	
		13.0/55.16-6F	111.8	122.8	136.6	98.4	87.4	117.7	160.6	236.2	
		400/60.15.3-6F	111.8	122.8	137.7	99.6	87.4	117.7	160.6	236.2	
	L	10.0/75.15.3-6F	123.6	134.6	148.0	95.2	87.4	122.4	161.0	236.2	
		11.5/80.15.3-6F	123.6	134.6	149.6	96.4	87.4	122.4	161.0	236.2	
		13.0/55.16-6F	123.6	134.6	148.4	98.4	87.4	122.4	161.0	236.2	
		400/60.15.3-6F	123.6	134.6	149.6	99.6	87.4	122.4	161.0	236.2	