

## TECHNICAL DATASHEET TURBOCAR

# ACTIVE – G4



*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
- 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

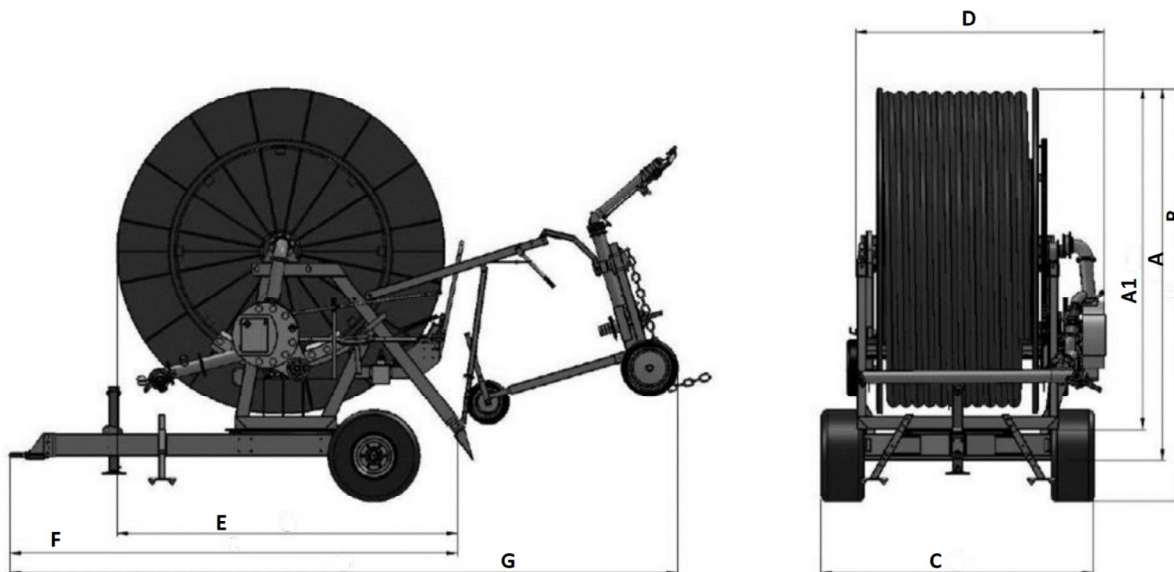
## Available Models

Structure	Model	Type	Hose Ending	P.E. Hose Ø (in)	Hose Length (feet)	Sprinkler
G4	100 G 420	A	10	2.48	1378	HIDRA

## Technical Features

Nozzle size		PRESSURE				IRRIGATED STRIP						Model: 100 G 420																	
		Inlet		Sprinkler		Flow		Radius		Diameter		Suggested @ 85%		PRECIPITATION RATES IN METRIC IN MILLIMETERS (in BLUE) / IMPERIAL IN INCHES (in WHITE)															
		IN	MM	PSI	BAR	PSI	BAR	GPM	MC/H	FT	MT	FT	MT	FT	MT	FT	MT	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)																											
0.87	22	69	4.7	44	3	138	31.3	121	37	243	74	206	62.9	1.31	33.2	0.98	24.9	0.78	19.9	0.65	16.6	0.49	12.4	0.39	10.0	0.33	8.3		
		90	6.1	59	4	159	36.2	135	41	269	82	229	69.7	1.37	34.7	1.02	26.0	0.82	20.8	0.68	17.3	0.51	13.0	0.41	10.4	0.34	8.7		
		109	7.4	74	5	178	40.6	148	45	295	90	251	76.5	1.39	35.3	1.04	26.5	0.83	21.2	0.70	17.7	0.52	13.3	0.42	10.6	0.35	8.8		
0.94	24	75	5.1	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		
		97	6.6	59	4	190	43.2	144	44	289	88	245	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		
		119	8.1	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		
1.02	26	84	5.7	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		
		109	7.4	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		
		132	9.0	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		
1.10	28	94	6.4	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	0.54	13.6	0.44	11.3		
		121	8.2	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		
		148	10.1	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		

## Weight and Overall Dimensions



Structure	Type	Wheels	A1	A	B	C	D	E	F	G	LB
G4	A	10.0/75.15.3-5F	101	110	124	87	79	104	146	217	5291 to 5952
		13.0/55.16-6F	101	110	124	89	79	104	146	217	
		11.5/80.15.3-6F	101	110	126	88	79	104	146	217	