

## TECHNICAL DATASHEET TURBOCAR

# SMART – G1



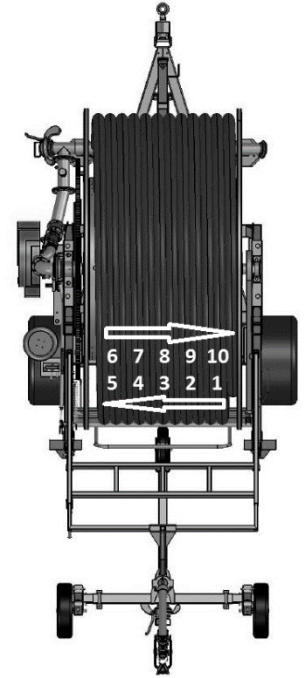
*Illustrative purposes only; the model shown here could be different that one supplied*

### STANDARD EQUIPMENT

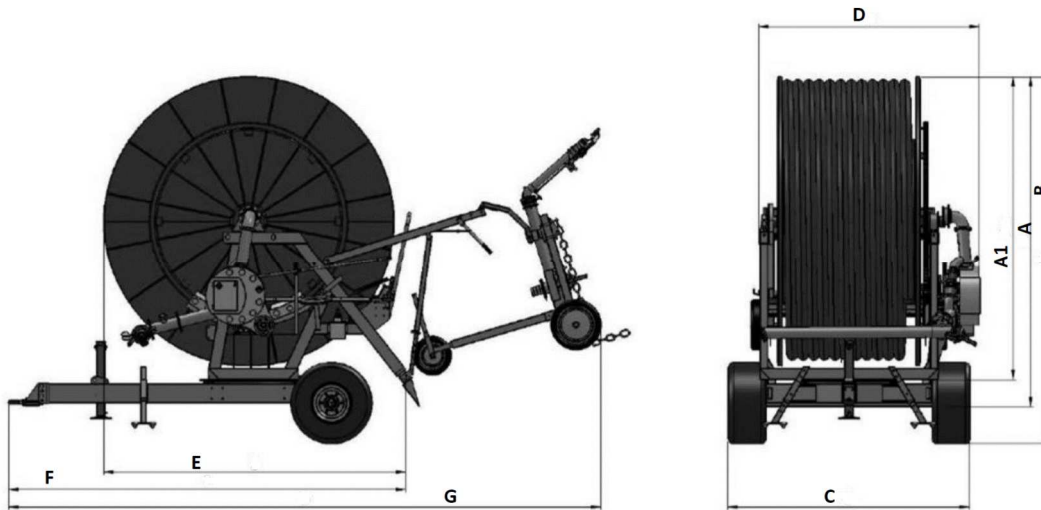
- High efficiency partial flow turbine drive directly coupled to the gearbox (minimum pressure losses in its category)
- 4 speed gearbox with oil lubrication
- Safety devices for PTO and rewinding out of the drum
- Moving transmission through toothed crown, which is placed close to the maximum stress 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 staker legs operations
- Additional staker 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 constant thickness
- Instructions and maintenance handbook
- CE Certificate
- Warranty certificate

## Available Models

Structure	Model	Type	Hose Ending	P.E. Hose Ø (in)	Hose Length L (f)	Sprinkler
G1D	63 G 250	A	7	2.48	820	HIDRA
	63 G 280	A	9	2.48	919	HIDRA
	63 G 300	B	10	2.48	984	HIDRA
	63 G 320	C	3	2.48	1050	HIDRA
	70 G 210	A	5	2.75	689	ROYAL/TWIN 101
	75 G 200	A	5	2.95	656	ROYAL/TWIN 101
	75 G 250	D	10	2.95	820	ROYAL/TWIN 101



## Weight and overall dimensions



Structure	Type	Wheels	A1	A	B	C	D	E	F	G	LB
G1	A	<b>165/70.13-4F</b>	72	78	87	65	59	72	110	165	2205
		205/60.15-5F	72	78	89	67	59	72	110	165	
	B	<b>165/70.13-4F</b>	73	79	88	65	59	74	110	165	
		205/60.15-5F	73	79	91	67	59	74	110	165	
	C	<b>165/70.13-4F</b>	72	78	87	65	59	72	110	165	
		205/60.15-5F	72	78	89	67	59	72	110	165	
	D	<b>165/70.13-4F</b>	73	79	88	65	59	74	110	165	
		205/60.15-5F	73	79	91	67	59	74	110	165	

## Technical Features

Ø Hose (in)	Ø Nozzle (in)	Machine Pressure (psi)				Sprinkler Pressure (psi)	Throw (ft)	Irrigated Width (ft)	Flow (gpm)	Irrigated Area (acre)				Rainfall (in)		
		820	919	984	1050					820	919	984	1050			
2.48	.55	51.4	54.4	55.8	57.3	29.4	75.5	128.3	51.5	2.4	2.7	2.9	3.0	1.10	0.37	0.22
		73.5	76.4	77.9	80.8	44.1	91.9	156.2	62.9	3.0	3.4	3.6	3.8	1.09	0.36	0.22
	.62	85.2	91.1	94.0	95.5	44.1	98.4	167.3	80.0	3.2	3.6	3.9	4.0	1.29	0.43	0.25
		110.2	117.6	120.5	123.4	58.8	111.5	189.6	92.5	3.7	4.1	4.4	4.7	1.30	0.43	0.25
	.70	130.8	142.6	147.0	152.8	58.8	114.8	195.2	115.4	3.8	4.3	4.5	4.8	1.57	0.52	0.31
		170.5	186.6	195.5	202.8	66.1	119.8	203.7	144.0	4.0	4.4	4.7	5.0	1.88	0.62	0.37
2.75	.62	689									689					
		45.6					29.4	88.6	150.6	59.4	2.5					
	.70	64.7					44.1	105.0	178.5	72.6	3.0					
		72.0					44.1	108.3	184.1	92.5	3.1					
	.78	94.1					58.8	121.4	206.4	106.5	3.5					
		107.3					58.8	128.0	217.5	132.1	3.7					
	.78	133.7					66.1	136.2	231.6	163.8	4.0					
														1.06	0.35	0.21
2.95	.62	656	820									656	820			
		57.3	58.8					44.1	88.6	150.6	59.4	2.3	2.9			
	.70	74.9	77.9					58.8	105.0	178.5	72.6	2.8	3.5			
		80.8	83.8					58.8	108.3	184.1	92.5	2.9	3.6			
	.78	99.9	104.3					73.5	121.4	206.4	106.5	3.3	4.0			
		108.8	114.6					73.5	128.0	217.5	132.1	3.5	4.3			
	.78	129.3	138.1					80.8	136.2	231.6	163.8	3.8	4.6			
														1.05	0.35	0.21
												1.07	0.35	0.21		
												1.31	0.44	0.26		
												1.33	0.44	0.26		
												1.56	0.52	0.31		
												1.81	0.62	0.36		