SOUTHERN IRRIGATION
Intelligent Water Solutions

VR5 - 125X380

OCMIS







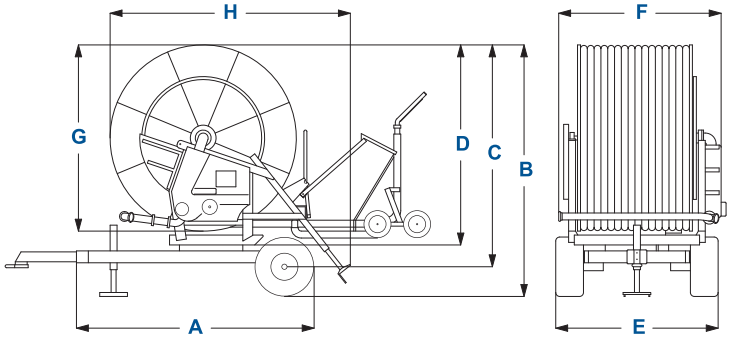
FEATURES

- VarioRain Transmission
- Speed compensation
- Hose cart flush-out
- All galvanized frame & 4-wheel guncart
- Galvanized Reel
- Non-rusting aluminum elbow entering machine
- Triple gaskets on inlet elbow
- Crossover hose hook-up to either side of machine
- Guncart Lift
- Emergency PTO rewind capability
- Direct speed readout
- Manual hydraulic stabilizer legs
- 20 feet of supply hose
- Ball & socket quick connects
- Fully adjustable guncart
- Adjustable part circle sprinkler gun
- Direct gear drive systems- no chains
- Computer and solar panel
- Hydraulic rotation device + hydraulic drawbar

OPTIONS

- Watering boom
- Blow out compressor
- Rewind by engine
- Engine hydraulics

DIMENSIONS



A cm	A. *inch*	B cm.	B *inch*	C cm	C *inch*	D cm	D *inch*
359	*141.4*	363	*142.9*	322	*126.8*	303	*119.3*
E cm	**E *inch***	**F cm**	**F *inch***	**G cm**	**G *inch***	**H cm**	**I *inch***
230	*90.6*	248	*97.7*	280	*110.2*	340	*133.9*

SPECIFICATIONS

- 1250 feet, 4.1" i.d. hose (125x380)
- Sime-Explorer-- 32/34/36mm nozzles
- Weight --8,530 lbs.
- Turbine Drive

PERFORMANCE SUMMARY

FLOW RATE GPM	INLET PRESS. (psi)	SPRINKLER PRESS. (psi)	WIDTH 80% FEET
224	95	44	231
315	109	65	283
378	122	73	304
505	166	102	357

Performance Chart

VR5 125 x 380 PERFORMANCE CHART

Model VR5 125 x 380						Application Rate					
Sprinkler				Gallons		1/2 inch		1 inch		1 1/2 inch	
nozzle size	gun psi	throw (ft)	width 80% (ft)	per/minute	acres/run	feet	inlet psi	feet	inlet psi	feet	inlet psi
28.0 mm or 1.1 inch	44	144	231	224	7.20	198	69	95	66	64	64
	58	167	268	259	8.49	198	87	95	85	64	82
	65	174	278	275	8.86	351	96	97	94	65	91
	73	184	294	289	9.43	201	105	96	103	65	100
	80	190	304	303	9.81	203	114	97	112	66	109
	87	197	315	317	10.20	205	123	99	121	66	118
recommended gear speed						4		2		2	
30.0 mm or 1.2 inch	44	157	252	257	7.93	208	73	100	70	67	68
	58	171	273	298	8.68	223	92	107	89	72	87
	65	177	283	315	9.05	227	101	109	99	73	96
	73	184	294	333	9.43	231	110	111	108	74	106
	80	190	304	348	9.81	234	120	112	118	75	115
	87	197	315	365	10.20	236	129	113	127	76	124
recommended gear speed						4		2		2	
32.0 mm or 1.3 inch	58	177	283	338	9.05	244	97	117	95	120	138
	65	184	294	359	9.43	249	107	119	105	123	153
	73	190	304	378	9.81	254	117	122	115	125	168
	80	197	315	396	10.20	257	126	123	125	127	183
	87	203	325	414	10.59	260	136	125	135	128	197
recommended gear speed						4		3		2	
34.0 mm or 1.3 inch	65	190	304	406	9.81	272	113	130	112	87	108
	73	194	310	427	10.01	282	124	135	122	90	119
	80	203	325	448	10.59	281	134	135	133	90	129
	87	210	336	468	10.98	284	146	135	133	91	140
	102	223	357	505	11.78	289	166	136	144	93	161
recommended gear speed						4		3		2	



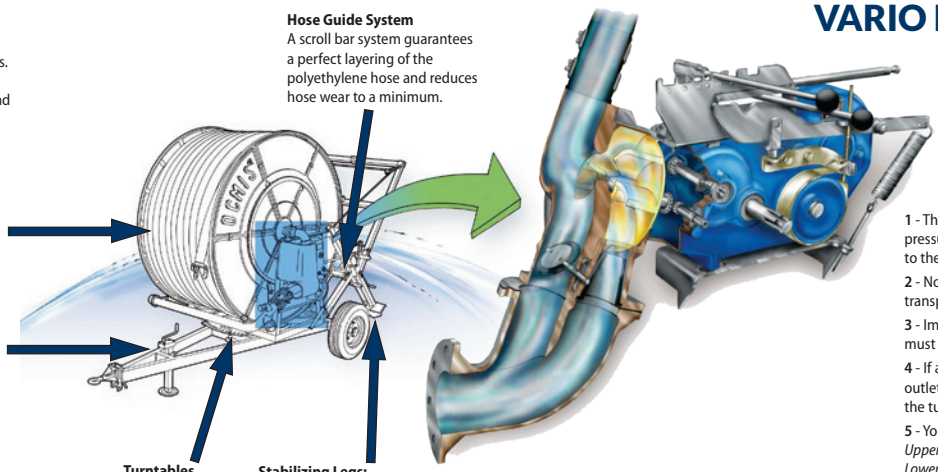
Drum
Engineered for compactness. Painted with epoxy primer and polyurethane compound paint using vanguard techniques.

PE Hose
Top quality PE hose manufactured to resist very heavy drags and very high working pressures.

Frame:
The chassis is made of bolted sections, composed of strong steel beams electronically welded by robots and hot dipped galvanized.

Gun Stand:
Gun stand available in 2-wheel, 4-wheel or 5-wheel versions according to model. Special versions available to accommodate the most varied work conditions.

Hose Guide System
A scroll bar system guarantees a perfect layering of the polyethylene hose and reduces hose wear to a minimum.



Turntables
Turntables are mounted on large diameter bearings for easy rotation.

Stabilizing Legs:
Large hydraulic or mechanical stabilizer legs assure stability to the machine in the toughest working conditions.

VARIO RAIN
pure technology

The Vario Rain Gearbox is derived from Ocmis' continued investment in R&D, resulting in a gearbox with lower pressure drops, easy to use, versatile, robust, and needing minimum maintenance.
Standard on all V-series reels.

1 - The most efficient turbine on the market-- requiring less water and pressure to run gearbox, allowing more water and pressure to flow through to the gun.

2 - No back-stop (no anti-reverse pawl) - middle position of gear lever is for transport (locks down drum). No backlash when changing speeds.

3 - Impossible to break gearbox by winding up hose with PTO; gear shift must be in correct position otherwise reel will not turn.

4 - If a rock locks up the impeller you can reverse the impeller (turning the outlet shaft next to turbine), release the rock without having to open up the turbine.

5 - You can always see what speed you are in:
Upper lever - Variable speeds: 1-2-3-4
Lower Lever - Left position: hose/cart pull-out (& PTO wind-up)
- Centre Position: drum lock down (for transport)
- Right Position: working position