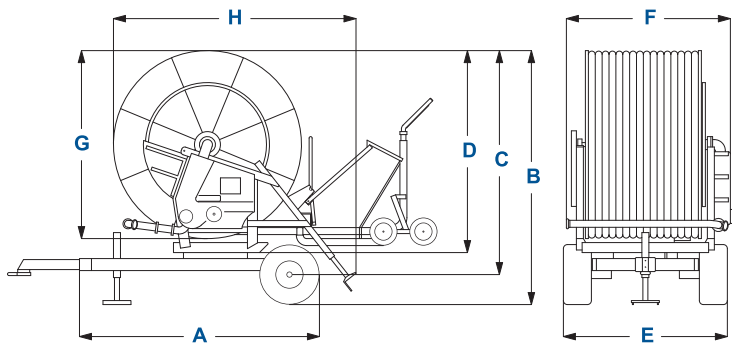




DIMENSIONS



A inch	B inch	C inch	D inch	E inch	F inch	G inch	H inch
141.3	142.9	126.8	119.3	90.6	97.7	110.3	133.9

FEATURES

- VarioRain Transmission
- Speed compensation
- Hose cart flushout
- 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
- Emergency PTO rewind capability
- 20 feet of supply hose
- Ball & socket quick connects
- Fully adjustable guncart
- Adjustable part circle sprinkler gun
- Direct gear drive systems - no chains
- Hydraulic stabilizer legs and gun cart by tractor
- Hydraulic turntable by tractor
- Hydraulic drawbar by tractor
- Aquastar computer and solar panel
- Water inlet filter
- 108 mm Bauer water inlet

AVAILABLE OPTIONS

- Watering boom
- Blow out compressor
- Rewind by engine
- Engine hydraulics
- Nelson Big Gun/Komet Twin Ultra

SPECIFICATIONS

- 1246 feet, 4.1" i.d. hose (125 mm x 380 m)
- Sime-Explorer gun -- 32/34/36mm nozzle
- Dry Weight: 7,654 lbs | Wet Weight: 13,927 lbs
- Turbine Drive

PERFORMANCE SUMMARY

Nozzle Size	Flow Rate (GPM)	Inlet Press. (PSI)	Sprinkler Press. (PSI)	Width 75% 25% Overlap (FT)
28 mm / 1.1 in	289	103	73	275
30 mm / 1.2 in	333	108	73	275
32 mm / 1.3 in	378	115	73	285
34 mm / 1.3 in	427	122	73	290
36 mm / 1.4 in	479	131	73	300

Performance Chart 



VR5 - 125 x 380 PERFORMANCE CHART

SPRINKLER		SPRINKLER THROW	RECOMENDED STRIP 80%	WATER DELIVERY		IRRIGATED AREA	inch OF RAIN ON IRRIGATED STRIP AND RECOMENDED PRESSURE AT THE MACHINE																	
nozzle				gallon	gallon		0,4	inch	0,6	inch	0,8	inch	1	inch	1,2	inch	1,4	inch	1,6	inch	2	inch	2,4	inch
	psi	ft/h	ft/h	MIN.	HOURL	ACRES	ft/h	psi	ft/h	psi	ft/h	psi	ft/h	psi	ft/h	psi	ft/h	psi	ft/h	psi	ft/h	psi		
mm	44	144	231	224	13.432	7,55	237	56	158	68	119	68	95	66	79	66	68	65	59	65	47	64	40	64
28,0	58	167	268	259	15.539	8,89	237	75	158	86	118	86	95	85	79	85	68	83	59	83	47	82	39	82
inch	65	174	278	275	16.474	9,28	241	84	161	95	121	95	97	94	80	94	69	92	60	92	48	91	40	91
1,1	73	184	294	289	17.361	9,87	241	93	161	104	120	104	96	103	80	103	69	101	60	101	48	100	40	100
	80	190	304	303	18.200	10,27	244	102	162	113	122	113	97	112	81	112	70	110	61	110	49	109	41	109
	87	197	315	317	19.040	10,68	246	111	164	122	123	122	99	121	82	121	70	119	62	119	49	118	41	118
recommended gear speed							4		3		3		2		2		2		2		1		1	
mm	44	157	252	257	15.428	8,31	250	60	166	71	125	71	100	70	83	70	71	69	62	69	50	67	42	67
30,0	58	171	273	298	17.852	9,09	267	79	178	91	133	91	107	89	89	89	76	88	67	88	53	86	44	86
inch	65	177	283	315	18.929	9,48	272	89	182	100	136	100	109	99	91	99	78	97	68	97	54	96	45	96
1,2	73	184	294	333	19.958	9,87	277	98	185	110	138	110	111	108	92	108	79	107	69	107	55	105	46	105
	80	190	304	348	20.909	10,27	280	108	187	119	140	119	112	118	93	118	80	116	70	116	56	115	47	115
	87	197	315	365	21.875	10,68	283	117	189	129	142	129	113	127	94	127	81	126	71	126	57	124	47	124
recommended gear speed							4		3		3		2		2		2		2		2		1	
mm	58	177	283	338	20.307	9,48	292	84	195	96	146	96	117	95	97	95	83	93	73	93	58	92	49	92
32,0	65	184	294	359	21.527	9,87	299	95	199	106	149	106	119	105	100	105	85	103	75	103	60	102	50	102
inch	73	190	304	378	22.699	10,27	304	105	203	116	152	116	122	115	101	115	87	113	76	113	61	112	51	112
1,3	80	197	315	396	23.776	10,68	308	115	205	126	154	126	123	125	103	125	88	123	77	123	62	122	51	122
	87	203	325	414	24.869	11,08	312	125	208	136	156	136	125	135	104	135	89	133	78	133	62	132	52	132
recommended gear speed							4		3		3		3		2		2		2		2		1	
mm	65	190	304	406	24.330	10,27	326	101	217	113	163	113	130	112	109	112	93	110	81	110	65	109	54	109
34,0	73	194	310	427	25.645	10,47	338	112	225	124	169	124	135	122	113	122	96	121	84	121	68	119	56	119
inch	80	203	325	448	26.865	11,08	337	123	224	134	168	134	135	133	112	133	96	132	84	132	67	130	56	130
1,3	87	210	336	468	28.100	11,49	341	134	227	145	171	145	136	144	114	144	97	142	85	142	68	141	57	141
recommended gear speed							4		4		3		3		2		2		2		2		2	
mm	65	194	310	454	27.261	10,47	359	109	239	121	179	121	144	120	120	120	103	118	90	118	72	117	60	117
36,0	73	200	320	479	28.734	10,88	366	121	244	133	183	133	146	131	122	131	105	130	91	130	73	128	61	128
inch	80	210	336	502	30.112	11,49	365	132	244	144	183	144	146	143	122	143	104	141	91	141	73	140	61	140
1,4	87	217	346	525	31.490	11,90	371	144	247	156	185	156	148	154	124	154	106	153	93	153	74	151	62	151
recommended gear speed							4		4		3		3		2		2		2		2		2	

These tables are merely indicative because they have been worked out through mathematical formula and according to average working conditions .
Consequently Ocmis declines any responsibilities deriving from their application.

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 ade 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.

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.

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

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