



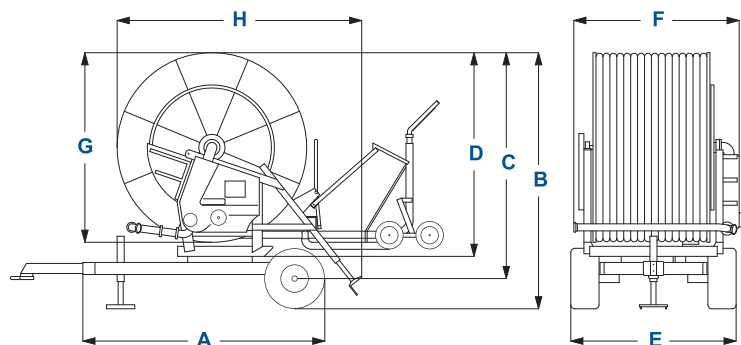
FEATURES

- 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
- 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

OPTIONS

- Watering boom
- Blow out compressor
- Rewind by engine

DIMENSIONS



A cm	B cm	C cm	D cm	E cm	F cm	G cm	H cm
310	298	261	242	214	214	224	284

SPECIFICATIONS

- 1250 feet, 3" i.d. hose (90x380)
- Sime -Reflex-- 24/26/28mm nozzles
- Weight -- 5,234 lbs.
- Turbine Drive

PERFORMANCE SUMMARY

Flow Rate GPM	Inlet Press. PSI	Sprinkler Press. PSI	Width 80% FEET
169	111	65	220
213	136	73	252
250	154	73	268
262	168	80	273
275	160	65	262

Performance Chart



VR3 90x380 PERFORMANCE CHART

nozzle		THROW	RECOMENDE STRIP 80%	WATER DELIVERY		AREA POSITION	inch OF RAIN ON IRRIGATED STRIP AND RECOMENDED PRESSURE AT THE MACHINE																	
				gallon	gallon		0,394	inch	0,591	inch	0,788	inch	0,985	inch	1,182	inch	1,379	inch	1,576	inch	1,97	inch	2,364	inch
	psi	feet	feet	MIN.	HOOR	ACRES	feet	psi	feet	psi	feet	psi	feet	psi	feet	psi	feet	psi	feet	psi	feet	psi	feet	psi
mm																								
22	44	121	194	138	8.268	5,95	174	84	116	81	87	79	69	78	58	78	50	77	43	77	35	77	29	77
0,9	58	135	215	159	9.567	6,66	181	106	121	103	91	101	72	100	60	100	52	98	45	98	36	98	30	98
inch	65	138	220	169	10.153	6,84	188	117	125	114	94	112	75	111	63	111	54	109	47	109	38	109	31	109
	73	148	236	178	10.708	7,38	185	127	123	125	92	123	74	122	62	122	53	120	46	120	37	120	31	120
	80	151	241	187	11.215	7,57	189	138	126	135	95	134	76	132	63	132	54	131	47	131	38	131	32	131
recommended gear speed						2.2		3.1		1.2		1.2		2.1		2.1		2.1		1.1		1.1		
mm	44	128	205	164	9.868	6,31	197	93	131	90	98	89	79	87	66	87	56	86	49	86	39	86	33	86
24,0	58	144	231	190	11.405	7,20	201	118	134	115	101	113	81	112	67	112	58	110	50	110	40	110	34	110
inch	65	151	241	202	12.102	7,57	204	130	136	127	102	126	82	124	68	124	58	123	51	123	41	123	34	123
0,9	73	157	252	213	12.767	7,93	207	142	138	139	103	138	83	136	69	136	59	135	52	135	41	135	34	135
	80	164	262	223	13.369	8,30	208	154	138	151	104	150	83	148	69	148	59	147	52	147	42	147	35	147
recommended gear speed						2.2		3.1		1.2		1.2		2.1		2.1		2.1		1.1		1.1		
mm	44	135	215	193	11.595	6,66	220	105	146	102	110	100	88	99	73	99	63	97	55	97	44	97	37	97
26,0	58	151	241	223	13.401	7,57	226	132	151	130	113	128	91	127	75	127	65	125	57	125	45	125	38	125
inch	65	157	252	237	14.224	7,93	230	146	153	143	115	142	92	140	77	140	66	139	58	139	46	139	38	139
1,0	73	167	268	250	14.985	8,49	228	160	152	157	114	156	91	154	76	154	65	153	57	153	46	153	38	153
	80	171	273	262	15.697	8,68	234	173	156	170	117	169	94	168	78	168	67	166	59	166	47	166	39	166
recommended gear speed						2.2		3.1		1.2		1.2		2.1		2.1		2.1		1.1		1.1		
mm	44	144	231	224	13.432	7,20	237	118	158	115	119	114	95	112	79	112	68	111	59	111	47	111	40	111
28,0	58	157	252	259	15.539	7,93	251	150	168	147	126	146	101	144	84	144	72	143	63	143	50	143	42	143
inch	65	164	262	275	16.474	8,30	256	166	171	163	128	161	102	160	85	160	73	159	64	159	51	159	43	159
1,1																								
recommended gear speed						2.2		3.1		3.1		3.1		2.1		2.1		2.1		2.1		1.1		

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