

OCMIS R2/1-30/1150T

Turbine Drive Hose Reel Irrigator

3.0" ID x 1150 Ft. PE Tube

Ranger Sprinkler

Standard Features



- Turbine drive with gearbox power transmission to drive reel.
- No belts or pulleys!
- Crossover inlet pipe
- Galvanized steel chassis and turret
- Reel coated by epoxy resin and painted with polyurethane paint
- Galvanized steel sprinkler cart with pneumatic tires
- Crank down stabilizers
- Mechanical sprinkler cart lift
- PTO rewind
- Tachometer speed readout
- Sime Ranger sprinkler with 4 nozzles
- 20 ft. supply hose

Performance Guide

Nozzle Size	Nozzle Flowrate (gpm)	System Pressure ¹ (psi)	Nozzle Pressure (psi)	Wetted Diameter (ft)	Irr. Width (ft)	Irr. Length (ft)	Irr. Area per Pull (ac)	Required Reel Speed (ft/hr) for Given Depth (in)		
								0.50	1.00	1.50
22 mm, 0.87 in	148	83	50	254	180	1213	5.0	158	79	53
	162	98	60	271	190	1218	5.3	164	82	55
	175	113	70	287	205	1222	5.7	165	82	55
24 mm, 0.94 in	177	93	50	271	190	1218	5.3	179	89	60
	193	109	60	290	205	1223	5.8	182	91	61
	209	125	70	310	220	1228	6.2	183	91	61
26 mm, 1.02 in	207	105	50	284	200	1221	5.6	200	100	67
	227	123	60	305	215	1226	6.1	203	102	68
	245	140	70	325	230	1231	6.5	205	103	68
28 mm, 1.10 in	240	118	50	300	215	1225	6.0	215	108	72
	263	138	60	319	225	1230	6.4	225	113	75
	285	158	70	337	240	1234	6.8	228	114	76

¹ System pressure is the pressure required at the machine inlet. It includes the allowances for the sprinkler, PE tube, machine plumbing, and drive friction losses. It does not include any allowances for field elevation differences or supply line pressure losses.

Performance guide is from calculated data; actual field performance may vary depending on pressure, terrain, wind, and field conditions.



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