

# OCMIS R4-37/1150T

## Turbine Drive Hose Reel Irrigator

### 3.7" 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 <sup>1</sup> (psi)	Nozzle Pressure (psi)	Wetted Diameter (ft)	Irr. Width <sup>2</sup> (ft)	Irr. Length <sup>3</sup> (ft)	Irr. Area per Pull (ac)	Required Reel Speed (ft/hr) for Given Depth (in)		
								0.50	1.00	1.50
24 mm, 0.94 in	177	72	50	271	190	1218	5.3	179	89	60
	193	85	60	290	205	1223	5.8	182	91	61
	209	97	70	310	220	1228	6.2	183	91	61
26 mm, 1.02 in	207	77	50	284	200	1221	5.6	200	100	67
	227	90	60	305	215	1226	6.1	203	102	68
	245	104	70	325	230	1231	6.5	205	103	68
28 mm, 1.10 in	240	83	50	300	215	1225	6.0	215	108	72
	263	97	60	319	225	1230	6.4	225	113	75
	285	111	70	337	240	1234	6.8	228	114	76
30 mm, 1.18 in	276	89	50	314	220	1229	6.2	242	121	81
	303	104	60	331	235	1233	6.7	248	124	83
	327	119	70	348	245	1237	7.0	257	128	86
32 mm, 1.26 in	344	112	60	343	245	1236	7.0	271	135	90
	372	128	70	359	255	1240	7.3	281	140	94
	397	143	80	376	265	1244	7.6	289	144	96

<sup>1</sup> 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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