



HR-T2.3/1049 Features and Specs



Shown with optional riser on gun cart.

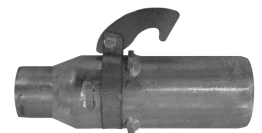


Standard features:

- ◆ Fully hot dipped galvanized drum and frame.
- ◆ Trailer style frame with turn table, front jack, two front stabilizers, and two rear stabilizers. Pintle hitch with adapter pin for tractor draw bars.
- ◆ Driven by high efficiency partial flow turbine and 3 speed oil filled gear box with pinion gear that drives the hot dipped galvanized crown gear.
- ◆ Easy to set controller with battery and solar panel included. Computer controls retraction speed with electric ball valve on turbine bypass.
- ◆ Automatic brake on the gear box during pull out.
- ◆ Hose guide system with steel level wind bar.
- ◆ PTO shaft on gear box and hand wheel included.
- ◆ Galvanized sprinkler cart with adjustable width and draw bar hook.
- ◆ Sprinkler cart automatically loads at end of run and is ready for transport.
- ◆ Small drum mounted on frame to hold supply hose when transporting.
- ◆ Tuf-Skin stainless steel liquid filled pressure gauge included.

Optional accessories:

- ◆ Gas booster pump.
- ◆ PTO pump cart.
- ◆ Riser for sprinkler cart.
- ◆ Hook adapters for valve opening elbow hydrants:



Standard pintle hitch with adapter pin for tractor draw bars:



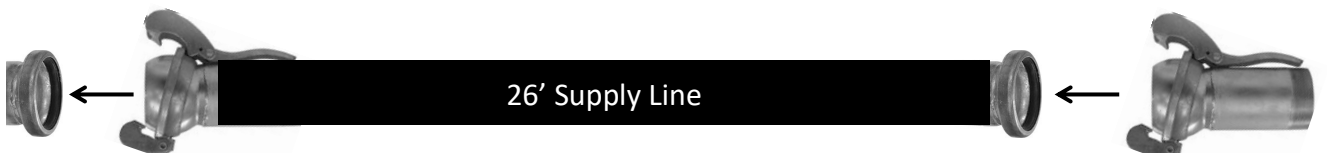
Specifications:

- ◆ 2.3" I.D. x 1,049' long HDPE hose (70mm x 320m).
- ◆ 2" MBSP on sprinkler cart for Sime Senior sprinkler, or equal.
- ◆ 26' lay flat supply hose with 3" B type fittings (male B type for connection to the traveler, female B type for connection to water supply).
- ◆ 3" B type male x 3" MPT included for connection to water supply.

3" B type Male x 3" MPT:



3" B type female inlet on hose reel:



26' Supply Line



HR-T2.3/1049 Silver 19S Series



Dimensions and Performance

Dimensions:

- ◆ 73" wide, 164" long, 99" tall.

Weights:

- ◆ 3,000 lbs dry.
- ◆ 4,950 lbs full of water.



← Shown with optional riser on gun cart.

Silver series inlet pressure = 170 PSI max

version: 2-1-2018

I.D. PE HOSE INCHES				FIELD - PE PIPE LENGTH FEET			SPEED FT/HR		SPEED FT/HR		SPEED FT/HR		SPEED FT/HR		SPEED FT/HR		
2.3				1049			30		60		90		120		150		
nozzle diam mm	nozzle psi	theoric throw feet	gpm	Irrigated Area with 80% wetted diameter		Irrigated area acres	Pr. rate inch	inlet pres psi	Pr. rate inch	inlet pres psi	Pr. rate inch	inlet pres psi	Pr. rate inch	inlet pres psi	Pr. rate inch	inlet pres psi	
				Width ft	Length ft												
14mm	30	76.1	47.2	122	1110	3.07	1.24	43	0.62	45	0.41	47	0.31	49	0.25	51	
14mm	45	93.2	57.8	149	1124	3.79	1.24	62	0.62	65	0.41	67	0.31	69	0.25	71	
14mm	60	107.6	66.7	172	1135	4.41	1.24	82	0.62	84	0.41	87	0.31	89	0.25	91	
14mm	75	120.3	74.6	193	1145	4.97	1.24	102	0.62	104	0.41	106	0.31	108	0.25	110	
16mm	30	81.4	61.6	130	1114	3.29	1.52	49	0.76	52	0.51	54	0.38	56	0.30	58	
16mm	45	99.7	75.4	159	1129	4.07	1.52	72	0.76	74	0.51	77	0.38	79	0.30	81	
16mm	60	115.1	87.1	184	1141	4.74	1.52	95	0.76	97	0.51	99	0.38	101	0.30	104	
16mm	75	128.6	97.4	206	1152	5.34	1.52	118	0.76	120	0.51	122	0.38	124	0.30	126	
18mm	30	86.3	78.0	138	1118	3.50	1.81	59	0.90	61	0.60	63	0.45	65	0.36	68	
18mm	45	105.7	95.5	169	1134	4.33	1.81	86	0.90	88	0.60	90	0.45	93	0.36	95	
18mm	60	122.0	110.3	195	1147	5.05	1.81	113	0.90	115	0.60	117	0.45	119	0.36	122	
18mm	75	136.5	123.3	218	1158	5.69	1.81	140	0.90	142	0.60	144	0.45	146	0.36	148	
20mm	30	91.0	96.3	146	1122	3.70	2.12	72	1.06	74	0.71	76	0.53	78	0.42	80	
20mm	45	111.4	117.9	178	1138	4.58	2.12	105	1.06	107	0.71	109	0.53	111	0.42	113	
20mm	60	128.6	136.1	206	1152	5.34	2.12	137	1.06	139	0.71	141	0.53	144	0.42	146	
20mm	75	143.8	152.2	230	1164	6.02	2.12	169	1.06	172	0.71	174	0.53	176	0.42	178	
Actual performance may vary.				Hours for full run:			35.0	17.5		11.7		8.7		7.0			

Sprinkler performance chart information is based on theoretic formulas for estimates only. Actual field conditions may vary depending on the water supply, type of sprinkler, wind conditions, terrain elevations, and other factors. Universal Sales nor Irriland shall be held responsible for any inaccuracies in this information. Specs subject to change without notice. Pictures are representative only, actual product may vary.