



HR-T2.3/820 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.

Specifications:

- ◆ 2.3" I.D. x 820' long HDPE hose (70mm x 250m).
- ◆ 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.

Optional accessories:

- ◆ Riser for sprinkler cart.
- ◆ Hook adapters for valve opening elbow hydrants:



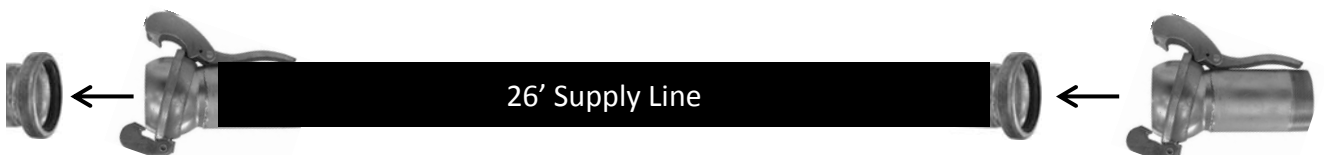
Standard pintle hitch with adapter pin for tractor draw bars:



3" B type Male x 3" MPT:



3" B type female inlet on hose reel:



26' Supply Line



HR-T2.3/820

Silver 16 Series



Dimensions and Performance

Dimensions:

- ◆ 73" wide, 164" long, 85" tall.

Weights:

- ◆ 2,300 lbs dry.
- ◆ 3,770 lbs full of water.



Shown with optional riser on gun cart.

Silver series inlet pressure = 170 PSI max

version: 5-1-2016

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				820			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	881	2.43	1.24	40	0.62	43	0.41	45	0.31	47	0.25	49
14mm	45	93.2	57.8	149	895	3.01	1.24	59	0.62	61	0.41	63	0.31	66	0.25	68
14mm	60	107.6	66.7	172	906	3.51	1.24	78	0.62	80	0.41	82	0.31	84	0.25	86
14mm	75	120.3	74.6	193	916	3.96	1.24	96	0.62	99	0.41	101	0.31	103	0.25	105
16mm	30	81.4	61.6	130	885	2.60	1.52	46	0.76	48	0.51	50	0.38	52	0.30	54
16mm	45	99.7	75.4	159	900	3.23	1.52	67	0.76	69	0.51	71	0.38	73	0.30	75
16mm	60	115.1	87.1	184	912	3.77	1.52	88	0.76	90	0.51	92	0.38	94	0.30	96
16mm	75	128.6	97.4	206	923	4.26	1.52	109	0.76	111	0.51	113	0.38	115	0.30	117
18mm	30	86.3	78.0	138	889	2.77	1.81	53	0.90	55	0.60	57	0.45	60	0.36	62
18mm	45	105.7	95.5	169	905	3.44	1.81	78	0.90	80	0.60	82	0.45	84	0.36	86
18mm	60	122.0	110.3	195	918	4.02	1.81	102	0.90	104	0.60	106	0.45	108	0.36	111
18mm	75	136.5	123.3	218	929	4.54	1.81	126	0.90	128	0.60	130	0.45	132	0.36	135
20mm	30	91.0	96.3	146	893	2.93	2.12	63	1.06	65	0.71	67	0.53	70	0.42	72
20mm	45	111.4	117.9	178	909	3.64	2.12	92	1.06	94	0.71	96	0.53	99	0.42	101
20mm	60	128.6	136.1	206	923	4.26	2.12	121	1.06	123	0.71	125	0.53	127	0.42	129
20mm	75	143.8	152.2	230	935	4.81	2.12	149	1.06	151	0.71	154	0.53	156	0.42	158
Actual performance may vary.				Hours for full run:			27.3	13.7	9.1	6.8	5.5					

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.