



HR-T1.3/328 Features and Specs

T1.3/328 with wheel and handle shown in transport position:



T1.3/328 with wheel and handle, and optional jack, shown in irrigation position:



Standard features:

- ◆ Fully hot dipped galvanized drum and frame.
- ◆ Driven by high efficiency partial flow turbine and oil filled gear box with pinion gear that drives the hot dipped galvanized crown gear.
- ◆ Easy speed adjustment with ball valve on turbine bypass.
- ◆ Automatic brake on the gear box during pull out.
- ◆ Hose guide system with steel level wind bar.
- ◆ Automatic shut down valve at end of run.
- ◆ PTO shaft on gear box and hand wheel included.
- ◆ Hot dipped galvanized sprinkler cart with adjustable width.
- ◆ Sprinkler cart is ready for transport at end of run, no loading needed.
- ◆ Comes with two draw bars: One with wheel and handle. One with tow loop for tractor draw bar, riding mower, ATV, UTV, or other vehicle.
- ◆ Tuf-Skin stainless steel liquid filled pressure gauge included.

Optional accessories:

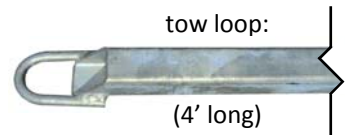
- ◆ Jack.
- ◆ 3' draw bar extension.
- ◆ Booster pump cart.
- ◆ Hook adapters for valve opening elbow hydrants:



Specifications:

- ◆ 1.3" I.D. x 328' long HDPE hose (40mm x 100m).
- ◆ 1.25" MBSP on sprinkler cart for Sime K1 sprinkler, or equal.
- ◆ 13' rubber supply hose with 2" B type fittings (male B type for connection to the traveler, female B type for connection to water supply).
- ◆ 2" B type male x 2" MPT included for connection to water supply.

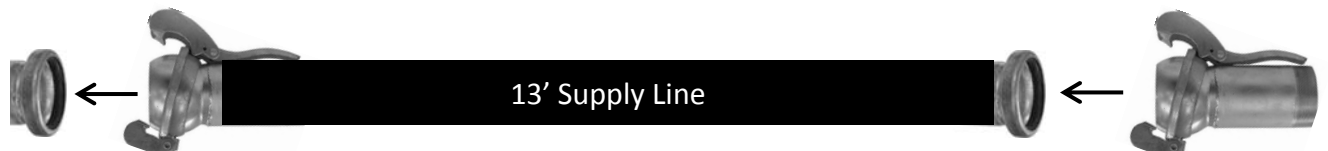
Draw bar with tow loop:



2" B type Male x 2" MPT:



2" B type female inlet on hose reel:





HR-T1.3/328

Sport 8 Series



Dimensions and Performance

Dimensions:

- ◆ 56" wide.
- ◆ 110" long with DBWH in transport position as shown at right:
- ◆ 42" to top of drum.

Weights:

- ◆ 480 lbs dry.
- ◆ 662 lbs full of water.



Sport series inlet pressure = 90 PSI max

version: 5-1-2016

| I.D. PE HOSE INCHES | | | | PE PIPE LENGTH FEET | | | SPEED FT/HR | | SPEED FT/HR | | SPEED FT/HR | | SPEED FT/HR | | SPEED FT/HR | |
|------------------------------|------------|--------------------|------|---|-----------|----------------------|---------------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|
| 1.3 | | | | 328 | | | 15 | | 20 | | 30 | | 40 | | 50 | |
| 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 | | | | | | | | | | | |
| 7mm | 30 | 53.8 | 11.8 | 86 | 371 | 0.72 | 0.88 | 35 | 0.66 | 36 | 0.44 | 36 | | | | |
| 7mm | 45 | 65.9 | 14.4 | 105 | 381 | 0.89 | 0.88 | 52 | 0.66 | 52 | 0.44 | 53 | | | | |
| 7mm | 60 | 76.1 | 16.7 | 122 | 389 | 1.05 | 0.88 | 69 | 0.66 | 69 | 0.44 | 70 | | | | |
| 8mm | 30 | 57.5 | 15.4 | 92 | 374 | 0.77 | 1.07 | 38 | 0.80 | 38 | 0.54 | 39 | 0.40 | 40 | | |
| 8mm | 45 | 70.5 | 18.9 | 113 | 384 | 0.96 | 1.07 | 56 | 0.80 | 56 | 0.54 | 57 | 0.40 | 58 | | |
| 8mm | 60 | 81.4 | 21.8 | 130 | 393 | 1.13 | 1.07 | 74 | 0.80 | 74 | 0.54 | 75 | 0.40 | 76 | | |
| 9mm | 30 | 61.0 | 19.5 | 98 | 377 | 0.82 | 1.28 | 41 | 0.96 | 42 | 0.64 | 42 | 0.48 | 43 | | |
| 9mm | 45 | 74.7 | 23.9 | 120 | 388 | 1.03 | 1.28 | 61 | 0.96 | 61 | 0.64 | 62 | 0.48 | 63 | | |
| 9mm | 60 | 86.3 | 27.6 | 138 | 397 | 1.21 | 1.28 | 81 | 0.96 | 81 | 0.64 | 82 | 0.48 | 82 | | |
| 10mm | 30 | 64.3 | 24.1 | 103 | 379 | 0.87 | 1.50 | 46 | 1.12 | 47 | 0.75 | 47 | 0.56 | 48 | 0.45 | 49 |
| 10mm | 40 | 74.3 | 27.8 | 119 | 387 | 1.02 | 1.50 | 61 | 1.12 | 61 | 0.75 | 62 | 0.56 | 63 | 0.45 | 64 |
| 10mm | 50 | 83.0 | 31.1 | 133 | 394 | 1.16 | 1.50 | 76 | 1.12 | 76 | 0.75 | 77 | 0.56 | 77 | 0.45 | 78 |
| 12mm | 30 | 70.5 | 34.7 | 113 | 384 | 0.96 | 1.97 | 61 | 1.48 | 61 | 0.98 | 62 | 0.74 | 63 | 0.59 | 64 |
| 12mm | 35 | 76.1 | 37.4 | 122 | 389 | 1.05 | 1.97 | 71 | 1.48 | 71 | 0.98 | 72 | 0.74 | 72 | 0.59 | 73 |
| 12mm | 40 | 81.4 | 40.0 | 130 | 393 | 1.13 | 1.97 | 80 | 1.48 | 81 | 0.98 | 81 | 0.74 | 82 | 0.59 | 83 |
| Actual performance may vary. | | | | | | | Hours for full run: | 21.9 | 16.4 | 10.9 | 8.2 | 6.6 | | | | |

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.