Hydrojet AP 140

Dust Suppression

Heap Leaching

Waste Water Reuse

Cleaning & Cooling

Features & Benefits

Hydraulically Designed Barrel and Taper Bore Nozzle

Excellent hydraulic design, large barrel cross section and full size taper bore nozzle allows for maximum possible throw and performance.

Optional Variable Trajectory Angle Model

The trajectory angle other than 440 are needed to suit specific stock pile configuration

Easy Stream Break-up Adjustment

Three stream break-up frequencies can be selected manually, without tools, in order to adjust rotation speed and to optimize the water distribution.

Patented Self-Compensating Break System

Unique patented self-compensating break system keeps overall performance constant over time.

Patented Drive System

Patented drive system with excellent stream diffusion allows for smooth & steady operation.

Available in Full Circle and Part/Full Circle Models

Available in full circle and part/full circle models with seven interchangeable nozzles to meet discharge and radius requirements.

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Additional Features

- Twin hydrojet dust suppression guns have been specifically designed to provide immediate and efficient dust suppression through dampening and/or wetting of large areas with minimal water application rates.
- It allows to lower the trajectory angle. A lower water stream is less affected by the influence of wind resulting in a more efficient wetted area requiring dust suppression.
- All the moving parts are fully sealed.
- The guns are corrosion resistant. No maintenance is required.
- Variable trajectory.
- High performance.
- Wide range of operation.
- Flexibility and ease of use are its focal points.
- Tough yet minimum maintenance

Application

- For dust suppression, mining or environmental applications.

Specification

- Discharge: 358.8 to 1849.8 lpm
- Wetted Radius: 35.0 to 63.5 m
- Operating Pressure: 3 to 8 Kg/cm^2
- Inlet Connection: 2" female Threaded
- Usability: Raingun Assembly

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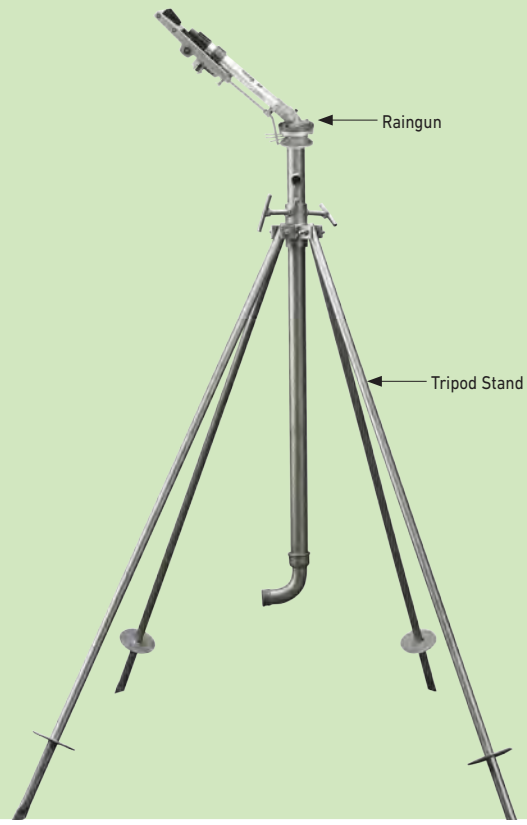

Technical Specification: Model AP-140

Trajectory 44°

P	Nozzle Ø															
	Ø18 mm		Ø20 mm		Ø22 mm		Ø24 mm		Ø26 mm		Ø28 mm		Ø30 mm		Ø32 mm	
	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R
(kg/cm^2)	(lps)	(m)	(lps)	(m)	(lps)	(m)	(lps)	(m)	(lps)	(m)	(lps)	(m)	(lps)	(m)	(lps)	(m)
3.00	5.98	35.0	7.09	37.0	8.92	39.5	10.61	41.5	11.38	43.5	14.46	45.0	16.59	47.5	18.86	49.0
4.00	6.89	38.0	8.50	40.5	10.30	43.0	12.27	45.0	14.38	47.0	16.68	49.5	19.14	51.5	21.80	53.0
5.00	7.70	41.0	9.53	43.0	11.52	45.5	13.71	47.5	16.09	49.5	18.64	52.5	21.41	54.5	24.38	56.0
6.00	8.45	43.0	10.42	45.5	12.60	47.5	15.01	49.5	17.62	52.0	20.44	55.0	23.46	57.0	26.70	59.0
7.00	9.11	45.0	11.29	47.5	13.63	49.5	16.20	51.5	19.03	54.0	20.08	57.5	25.35	59.5	28.84	61.5
8.00	9.75	47.0	12.05	49.5	14.57	51.5	17.34	53.5	20.36	56.0	23.60	59.0	27.09	61.5	30.83	63.5

Note: Sprinklers are tested under standard test conditions. P = Pressure; Q = Discharge; R = Radius

The Performance data are based on ideal test conditions and may be adversely affected by wind, poor hydraulic entrance.

** The pressure refers to pressure at nozzle*

Ordering Specifications

	X	XXX
	Model	Nozzle Size
AP140	P - Part Circle	N18 - 18mm; N20 - 20mm N22 - 22mm; N24 - 24mm N26 - 26mm; N28 - 28mm N30 - 30mm; N32 - 32mm

Example: AP140PN14 -This code represents Twin Hydrojet AP140, Part Circle model with 14mm nozzle size.