

# WATER INJECTION SYSTEM



The WI-100 Water injection system is a gasoline engine powered water injection system designed to inject clean water into a working air stream. This water provides lubrication dust suppression and cooling of system components during drilling operations. The WI-100 is equipped with a high flow water filter and suction line which should be connected to a clean water reservoir. The unit is also equipped with a check valve to prevent high pressure air from feeding back into the system. The volume of water injected into the air stream by the WI-100 can be adjusted manually both before and during rock drilling operations by varying the engine speed.



**Our technology optimizes your impact.**

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**Drill Faster  
Run Harder  
Work Smarter**

## DETAILS:

- **ENGINE DRIVEN:** 10 HP Gas Engine with Electric Start, 6:1 Reduction Gearbox
- **PUMP:** Meyers 20 GPM @ 650 psi Triplex Piston Pump
- **VALVES:** Vary Flow from 0 - 20 GPM. Bypass for Recirculation During Cold Weather. Air Inlet Valve for Blowing Water Out of Pump and Plumbing (Winterize). Safety Valve to Eliminate Over Pressuring System.
- **SKID:** Unit is assembled on Heavy Duty Skid.
- **SIZE:** 42 in [107cm] L x 36in [92cm] W x 25in [64cm] H
- **WEIGHT:** 446 lb [202kg]
- **MAXIMUM FLOW RATE:** 20.8 US GPM [79LPM]
- **MINIMUM FLOW RATE AT IDLE SPEED (315 RPM):** 5 US GPM [19LPM]

