



HURCO
TECHNOLOGIES, INC.®



**TOUGH. RUGGED.
DEPENDABLE.**

Spiny Doctor® SD800

Our SD800 Valve Exerciser with vertical and horizontal articulation is the most versatile and powerful exerciser available. Maintain your valve and hydrant inventory with no operator fatigue or injury. Simply slip the SD800 into any standard receiver hitch and you are off and working.

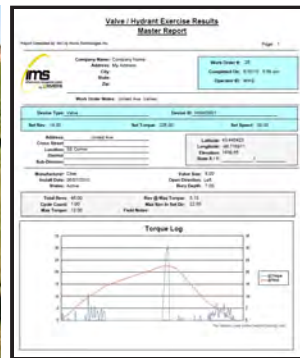


Optional hands free valve exercising, but always retains manual use for emergencies.



EASE OF USE

Vertical lift lets you reach valves and hydrants that would otherwise be out of reach.



DATA COLLECTION

For those needing data collection, we offer the Valve Star option, offering detailed reports of testing activities.



EXTENSIVE ACCESS

The tilting head allows for easily attaching to valves that aren't aligned perfectly vertical.

Specifications

Spin Doctor SD800 Dimensions and Performance

General	
Capacity	Operates valves of any size.
Speed	From 0 up to 60 depending on hydraulic supply flow.
Torque	From 0 up to 800 ft lbs depending on hydraulic pressure supply. Measured with precision sensors.
Supply Requirements	HTMA Class II recommended - 9 GPM @ 2600 PSI for maximum performance.
Range - Boom	Approximately 270° side to side range with ERG3, 180° without. 1' below to 7' above ground level to help getting on valves and hydrants. Approximately 13' of range from mounting pedestal. Boom stays solidly in place through two independently locking pivot points.
Range - Head	Swiveling head allows for connection to valve wrench that is not perfectly straight up and down. 22° side to side (optional 90°), and 30° front to back.
Drive	Direct Drive. Allows for direct connection to adjustable valve wrench for a comfortable work height.
Valve Key	Telescoping valve key adjustable to 9' to allow for comfortable working height. Additional sections available to increase length (36" per section). Roll formed from 12ga hot rolled steel, ASTM A-653 Grade 50. Average minimum yield strength after cold forming is 60,000PSI
Mounting Configurations	Standard - Any 2.5" receiver hitch. Optional - small trailer (SDT) or Vacuum (VAC300G/D; VAC600G/D).
Construction	2" x 2" x 11ga steel tubing.
Finish	Acid wash with Powder Coat finish.
Data Collection (Optional)	
NOTE: Hurco always maintains manual operation capabilities as a standard feature of any valve exerciser. This is critical for an emergency or in the event of computer failure. No down time due to a dropped computer or dead battery.	
Valve Star Data Collection VSG6-KIT	Includes Valve Star Data Collection and GPS antenna mounted on Valve Exerciser, and IMS Software for mobile and desktop computers. Manages all critical data. Data can be transmitted to a filed computer, or saved on Valve Star control unit on the Valve Exerciser, then exported to a flash drive. Detailed reports and history. Export / Import functionality. Fully compatible with ESRI and GIS.
Valve Star Auto VSG6-AUTO	Allows for hands-free valve exercising. Works in conjunction with the Valve Star Data Collection System.
Computer	<i>Optional:</i> Rugged outdoor computer for Valve Star- Runs full version of Windows. Contact us for information.
Power Pack (Hydraulic power source is required except with vacuum mount)	
Power Pack PP13E	13HP GX390 Honda Gas Power Pack. Electric start with 10 amp charge system. 9 GPM @ 2200 PSI.
Trailer Unit	
Small Trailer SDT	Small trailer unit for a compact, ready to go transportation unit for the valve exerciser. Includes tool box and wrench holder. See SDT specifications for more information.
Hydro Excavation Vacuum Unit	
Vacuum Unit VAC300G/D VAC600G/D	330 and 630 gallon hydro excavation units available with 37 HP Kohler gas or 49.6 bhp Cat Diesel engines. See VAC300 or VAC600 specifications for more information.