



**HURCO**  
TECHNOLOGIES, INC.®



**THE TOUGHEST  
VALVE EXERCISER  
ON THE MARKET**

## Spin Doctor® ERB-800™

For utilities who prefer a horizontally oriented valve exerciser, the Spin Doctor ERB800 will perform like nothing you've seen before. Utilizing a rotated design of the SD400 and SD800, the ERB800 retains the extensive vertical capabilities of our traditional booms. This boom is ideal for providing years of dependable service.



We stand by (and on!) our equipment to the extent that we provide a Lifetime Warranty on our booms for failure due to torque.



### 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 ERB800 Dimensions and Performance

General	
Capacity	Operates all valves 4" and larger
Speed	From 0 up to 60 depending on hydraulic supply flow. If equipped with Valve Star Auto, when in auto mode, the speed will be from 5 up to 30 depending on hydraulic supply.
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 @ 2650 PSI for maximum performance. 12 volt power source.
Range - Boom	Approximately 270 degrees side to side range. Hydraulically operated vertical lift range of approximately 4' to help getting on valves and hydrants. Approximately 13' of range from mounting pedestal. Boom stays solidly in place through two independently locking brakes.
Range - Head	Swiveling head allows for connection to valve wrench that is not perfectly straight up and down. 44 degree side to side (180 degree capable), and 60+ degree front to back. No U-Joint connection.
Drive	Direct Drive. No high maintenance gear box with chain drive reduction. Allows for direct connection to adjustable valve wrench for a comfortable work height.
Valve Key	Telescoping valve key operates standard AWWA 2" nuts over a 4' to 9' range. Rated for 1000 ft lbs torque. The modular design can increase reach by adding 3' extension attachments. Can be adjusted to a comfortable waist high operating level.
Construction	3" square steel tubing
Finish	Acid wash with Powder Coat finish.
Data Collection (Optional)	
<b>NOTE:</b> Hurco 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	IMS Software will manage all critical data and sync between desktop and field computer. Capabilities to include valves, hydrants and mains management. Capable of being upgraded to do fire flow testing, unidirectional flushing and c-factor testing. Detailed reports and history; no screen shot reports. Export / Import functionality. Fully compatible with ESRI and GIS. Data is transferred through RF Signal - 900 MHz wireless transmitter for better reliability and greater range.
Valve Star Auto	Works alongside the Valve Star Data Collection System. This wireless technology protects the operator by keeping "hands off" the machine while exercising the valve or hydrant. Our intelligent IMS Mobile program speeds up the valve exercising program by ensuring the valve is in the fully open position before starting the exercise sequence. Some systems will attempt to close the valve first, which wastes time. The incremental approach to valve and hydrant is eliminated from the program which is unnecessary. Once the maximum allowable torque is selected, the program will never exceed that valve. It will automatically slow as full open or closed is reached to help prevent damage to the valve stem. On the final cycle, the system will park the valve stem by backing up approximately 1 full turn.
Computer	Trimble Yuma rugged outdoor computer will full version of Microsoft Windows 7 Professional. Large viewing area and sunlight readable. GPS ready. 5MP camera. Certified rugged performance rating of IP65 and MIL-STD-810G. Survives driving rain and water spray. The system can be run on an existing portable computer for places that already have field computers, or want pick a specific computer. Contact us for computer requirements.