Valve Ve
Maintenance equipMent

Valve & Hydrant Maintenance, Mapping & Data Collection Systems

HurcoTech.com
Easily installs in any standard hitch receiver

Tested by a University Engineering laboratory, the Spin Doctor boom absorbs all the torque, not the operator.

Designed with safety in mind, the Spin Doctor utilizes gas shocks to balance the weight so the operator isn’t lifting the valve exerciser, unlike a handheld unit.

Eliminates worker fatigue and injury - a safety must!
Portable trailer configuration with tool box and Power Pack. Can be driven at highway speeds, unlike some competitive valve exerciser trailer setups.

ATV mount allows for easy access to valves that may be difficult to get to with a truck or trailer. Ideal for rural areas, campuses, golf courses, and more.

Front Mount - Attaches in place of front tow hooks.

User friendly controls and gauges.

With a cost comparable to a handheld valve exerciser, the Spin Doctor 400 allows you to operate valves you’d never be able to open by hand or with a handheld exerciser. Designed around safety and convenience, the SD400 is strong enough to open those tough valves without burdening the operator, but light enough for easy removal and storage, eliminating the need for a dedicated service vehicle. Simply slip the SD400 into any standard hitch receiver and get to work.

The Spin Doctor’s unique patented design virtually eliminates worker fatigue and injury. The pivoting head eliminates the need for a u-joint, and allows access to valves that are not perfectly vertical. The hands-on operation gives the operator a sense of the condition of the valve, allowing the operator to make adjustments and prevent valve damage. The SD400 has user friendly controls at the head to control torque, monitor torque, and revolution count.

The Spin Doctor is built tough for the job site and only Hurco offers a LIFETIME WARRANTY on the boom for failure due to over torquing. A durable powder coat finish is used to protect the Spin Doctor, and all pivot points utilize Garlock bearings or sealed ball bearings for minimum maintenance and years of service.

For more detailed information and video demonstrations, visit our website at: www.HURCOTECH.com
REACH VALVES AND HYDRANTS WHERE NO OTHER VALVE EXERCISER CAN

Power your Spin Doctor with our rugged Hydraulic Power Packs. PP6.5 for use with the Spin Doctor 400 and the PP14E with electric start for all Spin Doctor models.

Pickup mounted Spin Doctor reaching a valve over a guard rail.

Trailer mounted Spin Doctor reaching over barbed wire fence from road ditch.
Like the Spin Doctor 400, the Spin Doctor 800 has the unique ability to reach valves where no other valve exerciser can. The difference is the torque; the Spin Doctor 800 can deliver up to 800 ft lbs of torque to help loosen even the toughest valves. As with the SD400, the SD800 offers a LIFETIME WARRANTY forboom damage caused by excessive torque.

The Spin Doctor 800 can be configured with Valve Star and Valve Star Auto. These options can always be added at a later time if budget is a concern. Unlike other automated valve exercisers, only HURCO offers backup MANUAL CONTROLS. If the computer fails for any reason, you always have manual controls to get the job done. In an emergency, this is a safety must!

The locking gas shock system on the SD800 assists in lift and will lock into position for valve exercising.

Utilizing HURCO’s patented torque set, torque can be set to a predetermined level without the aid of computer control.

Powerful hydraulic direct drive motor provides years of quality performance with maximum torque and speed, and eliminates the need for high maintenance gear boxes.

The Extended Reach option allows for the SD400 and SD800 to achieve even more range of motion.

HURCO’s Slick Stick lubricates and breaks down corrosion to loosen stuck valves. Visit our website for step-by-step instructions on how to deal with a problem valve.
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. The ERB800 also maintains our pivoting head, so a valve box that’s not perfectly vertical won’t prevent you from connecting to a valve. To access elevated valves, we’ve given you unmatched vertical lift so no valve is left unturned.
Independently locking brakes create simple and sturdy placement of the ERB800.

Heavy duty hydraulic cylinders allow for access to valves and hydrants that other valve exercisers can’t reach.

Trailer mounted ERB800 with arrow board.

ERB800 easily attaches to an elevated hydrant. (right).

Gusseted and reinforced weld joints, and a rugged mounting system.

Heavy duty 4’ pivoting spindle.

ERB800 configured with Valve Star and Auto option for automated, hands-free valve exercising. Learn more about Valve Star on pages 8 and 9.

You will not find a more structurally sound valve exerciser. Sturdy, 3” heavy duty steel tubing, beefed up connecting joints, and heavy duty bearing mounted hubs. These are only a few of the key items that will provide more years of low maintenance service. As with the SD800, the ERB800 gives you the option of including data collection with the Valve Star, and intelligent automation with the Auto option, while still giving you full use of manual controls in case of an emergency or computer failure.

Utilizing Hurco’s patented torque set, torque can be set to a predetermined level without the aid of computer control.

UNMATCHED FEATURES AND HEAVY DUTY CONSTRUCTION
DATA COLLECTION & COMPUTERIZED VALVE EXERCISING

Compatible with most pickup mounted laptops.

Control and capture data from your handheld tablet or computer.

Visit our website to learn more about the extensive capabilities and detailed reports created by IMS Software.

IMS utilizes the full version of Windows Professional software to allow for more detailed data and reporting capabilities. This allows you the option to use your existing Windows based pickup mounted or handheld field computers.
Our Valve Star Data Collection System powered by IMS Software gives your utility detailed data collection and history for your valve and hydrant inventory. Comprehensive data on critical assets of valves and hydrants are collected by the Valve Star, which utilizes IMS to provide unmatched reporting capabilities. Easy and intuitive, the Valve Star takes the burden of data collection off of your field crew. Your crews focus on exercising valves and hydrants, and the Valve Star and IMS do the rest.

If you desire full, hands-free automation, the Valve Star can be configured for intelligent, automated valve exercising. Simply put the Spin Doctor on the valve and the Valve Star Auto takes over to handle the rest. Unlike any other system available, the Valve Star Auto maintains backup Manual Controls. If your computer fails for any reason, the Spin Doctor will pull through in emergency situations, or to prevent work delays for your crew because they simply forgot to charge a computer.

- Patented integrated GPS capabilities.
- 900 Mhz wireless communication. More powerful and reliable than Bluetooth.
- Optional Valve Star Auto, intelligent hands free valve exercising. Maintains MANUAL CONTROLS - Essential in an emergency!
- IMS Software utilizes a full version of Windows software, which allows for more detailed and faster collection and reporting capabilities.
- IMS can be configured for Fire Flow Testing, Unidirectional Flushing, C-factor Testing, and Hydraulic Modeling. Visit our website for more information on our Fire Flow pro.

If you are unsure if you require data collection capabilities, the Valve Star or Valve Star Auto can easily be added at a later date. We provide multiple, extensive training options - but it’s so simple to use that if you can open a software program, you can open a valve.

Backup MANUAL CONTROL with full digital display for operation in the event of a computer failure or an emergency situation.

For more detailed information and video demonstrations, visit our website at: www.HURCOTECH.com
Our Valve & Vac system provides an all-in-one system for your valve and hydrant maintenance program. When your crew comes across a valve box that is full of mud and debris, they can quickly clean it out in minutes without having to pull a large sewer vac off of another job, saving time and money. The oscillating wand quickly emulsifies any hardened debris with 4.8 GPM @ 3000 PSI, and the 14 Hg suction power easily picks up rocks and large debris. The 250 gallon debris tank typically lasts through a full day of valve exercising, and is easily towable with most standard pickups.

Repairing a damaged or a misaligned valve box is simplified, safer, and more cost effective with hydro excavation. You’re able to easily excavate without a backhoe, and there’s no need to wait for utility location. This results in a smaller excavation area that is less disruptive to the surrounding area and traffic flow. Configured with the Spin Doctor of your choice, you’ll have everything you need to tackle valves in any condition.
ACCESS VALVES WHERE TRUCKS OR TRAILERS CAN'T

HANDS FREE OPERATION

VALVE STAR COMPATIBLE

TORQUE

RANGE OF MOTION

[HORIZONTAL]
[H] 9', 180°
[H] 13', 270° with erg3

[VERTICAL]
[V] 4' Below Surface, 7' above

Manual Mode only

Optional - can be added any time with Valve Star. retains Manual Control.

Spin Doctor

ACCESS ValveS WHERE truCKS or traiLERS CAN’T

Lightweight and cordless, the HH200 can get in those tight spaces when you’re unable to access a valve or hydrant with a truck or trailer mounted valve exerciser.

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INNOVATIVE PRODUCTS
ADVANCED ENGINEERING
PATENTED TECHNOLOGY
SINCE 1979

Proudly Manufactured in
The United States of America
in Harrisburg, South Dakota

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Spin Doctor is covered by several United States Patents
and other Patents Pending.