



HURCO
TECHNOLOGIES, INC.®



Spin Doctor®

**VALVE
MAINTENANCE
EQUIPMENT**

VALVE & HYDRANT MAINTENANCE,
MAPPING & DATA COLLECTION SYSTEMS

HURCOTECH.com

Spin Doctor 400



**EASILY INSTALLS IN ANY
STANDARD HITCH RECEIVER**



Rear hitch mount



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

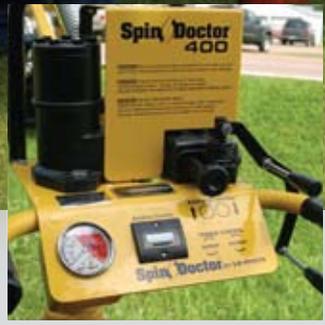


Designed with safety in mind, the Spin Doctor utilizes gas shocks to balance the weight so the operator isn't lifting the valve exerciser, unlike a handheld unit.

ELIMINATES WORKER FATIGUE AND INJURY - A SAFETY MUST!



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.



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.

Spin Doctor 800



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



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.

Trailer mounted Spin Doctor reaching over barbed wire fence from road ditch.



REACH VALVES AND HYDRANTS WHERE NO OTHER VALVE EXERCISER CAN



Exercising an elevated fire hydrant.



Spin Doctor configured with Valve Star and integrated GPS and Auto option for automated valve exercising. Only Spin Doctor offers backup MANUAL CONTROLS, an emergency must! Learn more about Valve Star on pages 8 and 9.



22 degrees standard, 90 degrees capable, tilting head for accessing valves that aren't perfectly level.

The Spin Doctor 800 utilizes the same great features as the Spin Doctor 400, except it is built to handle valves requiring up to 800 ft lbs of torque.

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 for boom 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!



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.

Spin Doctor ERB-800



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



VERTICAL LIFT AND HEAVY DUTY CONSTRUCTION LIKE NO OTHER VALVE EXERCISER

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.

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



Vacuum mounted ERB800. Learn more about our VAC250 on page 10.



Pivoting head to access a valve not perfectly vertically aligned.



Vertical range of 1' below surface level to 7' above allows for easily attaching to valve wrench, along with reaching valves and hydrants that are not perfectly situated at ground level.

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.



Vertical lift allows the ERB800 to easily attach to an elevated hydrant. Valves that are on an incline or in a ditch are no problem to access!

ValveSTAR

Computerized Valve and Hydrant Exercising

DATA COLLECTION & COMPUTERIZED VALVE EXERCISING



Compatible with most pickup mounted laptops.



Control and capture data from your handheld tablet or computer.



ims

infrastructure management system

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.

Valve Master Report Page: 1

Report Generated by IMS by Hemo Technologies Inc.

Company Name: Industrial Hydraulics Inc.
Address: 431 N. Phillips Ave.
City: Sioux Falls
State: South Dakota
Zip: 57104

Work Order #: 25
Completed On: 6/30/10 6:11 am
Operator ID: MKK

Work Order Notes: United Ave. Valves

Device Type:	Valve	Device ID:	HWVD002
Set Rev:	18.00	Set Torque:	130.00
		Set Speed:	42.00

Address: United Ave.
Cross Street:
Location: SE Corner
District: Central/02
Sub-Division:

Latitude: 43.444538
Longitude: -96.719858
Elevation: 1436.68
State X Y T:

Manufacturer: American AVK
Install Date: 06/30/2010
Valve Type: Gate
Function: Bypass
Drive Type: Standard
Access Type: Valve Box
Valve Size: 8
Status: Open
Asset ID:
Last Maint: 06/30/2010
Open Direction: Left

Valve Size: 8.00
Open Direction: Left
Bury Depth: 5.00

Total Revs:	45.00	Rev @ Max Torque:	11.66
Cycle Count:	1.00	Max Rev In Set Dir:	22.00
Max Torque:	7.00		

Torque Log

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.

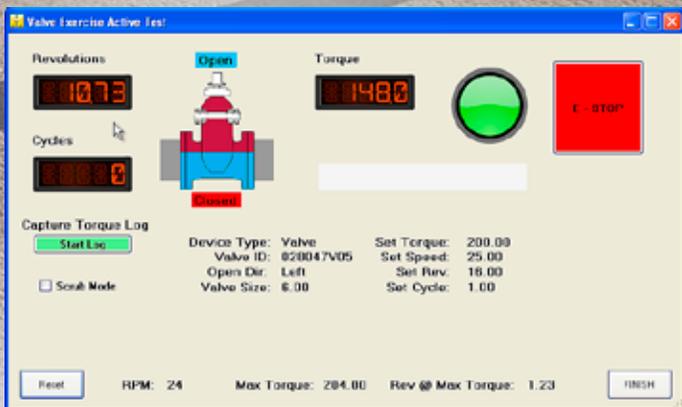
If you desire full, hands-free automation, the Valve Star can be configured for intelligent, automated valve exercising. Simply put the Spin Doctor on the valve and the Valve Star Auto takes over to handle the rest. Unlike any other system available, the Valve Star Auto maintains backup Manual Controls. 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.



Valve Star screen while exercising a valve.

Valve & Vac

Valve & Vac 250 Skid
Mount on service truck.



Unit Pictured - VAC250G
with Light Bar, and
SD800 with Extended
Reach.

*Quickly clean valve
boxes and valve vaults.*

EVERYTHING YOU NEED FOR A COMPLETE VALVE & HYDRANT MAINTENANCE PROGRAM



*Quickly repair damaged
valve boxes without
damaging utilities.*

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.



*Everything you need to clean, repair and exercise
valves.*

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.

Spin Doctor

PRODUCT COMPARISON

All Spin Doctors Feature

PIVOTING HEAD

LIFETIME WARRANTY ON BOOMS

TORQUE CONTROL



THE RIGHT CONFIGURATION FOR YOUR UTILITY

Spin Doctor 400 Spin Doctor 800 Spin Doctor ERB-800

RANGE OF MOTION

[H] HORIZONTAL
[V] VERTICAL



[H] 9', 180°
[H] 13', 270° with ERG3
[V] 4' Below Surface, 7' Above



[H] 9', 180°
[H] 13', 270° with ERG3
[V] 4' Below Surface, 7' Above



[H] 13', 270°
[V] 4' - 2' Lift, 2' Drop

TORQUE



0 - 400 ft lbs



0 - 800 ft lbs



0 - 800 ft lbs

VALVE STAR COMPATIBLE

Manual Mode Only



Optional - Can be added any time



Optional - Can be added any time

HANDS FREE OPERATION

Manual Mode Only



Optional - Can be added any time with Valve Star. Retains Manual Control.



Optional - Can be added any time with Valve Star. Retains Manual Control.

ACCESS VALVES WHERE TRUCKS OR TRAILERS CAN'T

Spin Doctor HH200



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.

SEE MORE FEATURES AT WWW.HURCOTECH.COM



Spin Doctor®

INNOVATIVE PRODUCTS

ADVANCED ENGINEERING

PATENTED TECHNOLOGY

SINCE 1979

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



HURCOtech.com

1-800-888-1436

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