

HURCO
TECHNOLOGIES, INC.®



VALVE MAINTENANCE EQUIPMENT

**VALVE EXERCISERS - HYDRO EXCAVATION
VACUUMS - DATA COLLECTION & MAPPING**

HURCOTECH.com

AFFORDABLE & TRANSPORTABLE

The Spin Doctor 400 is an affordable tool to handle the vast majority of valves while removing the burden from the operator. Strong enough to handle tough valves but light enough for easy removal for storage. You don't need a dedicated vehicle, freeing up your truck for other activities when not valve exercising. Designed around safety and convenience, the SD400 provides simple operation for users, and allows for easy access to tight spaces with the unique vertical design. Hands on operation gives the operator a sense of the condition of the valve, allowing the operator to make adjustments and prevent valve damage.



Optional 90° tilt to remove stubborn hydrant caps.





Flexible boom and tilting head for easily accessing valves that aren't perfectly straight.



Utility vehicle mount.

STRENGTH

- ADJUSTABLE TORQUE UP TO 400 FT LBS
- VALVE TURNING SPEED UP TO 60 RPM
- LABORATORY TESTED TO ENSURE YEARS OF SERVICE
- LIMITED LIFETIME WARRANTY ON BOOM

SMARTS

- HORIZONTAL REACH: 9' STANDARD; UP TO 13' WITH EXTENDED REACH OPTION
- VERTICAL REACH: 4' BELOW SURFACE - 7' ABOVE
- HORIZONTAL RANGE: 180° STANDARD; UP TO 270° WITH EXTENDED REACH OPTION
- TILTING HEAD: 30° FRONT TO BACK; 22° SIDE TO SIDE (90° OPTIONAL)
- CONTROL PANEL: DIGITAL COUNTER AND ANALOG TORQUE GAUGE
- LOW MAINTENANCE BEARINGS
- CONFIGURATION OPTIONS: STANDARD RECEIVER
- HITCH, SMALL TRAILER, VAC UNIT



ALWAYS READY

The Spin Doctor 800 can do it all. Always retaining manual control, it's ready to work the instant you attach to the valve. Variable control for up to 800 ft lbs of torque and 60 RPM, it's ready to tackle valves of virtually any size in your water system. Utilizing the same exclusive vertical design of the Spin Doctor 400, the SD800 has the ability to reach valves where no other valve exerciser can. Easily get between vehicles, down in ditches, or up on elevated boulevards with very little effort. If you're wanting data collection or hands-free valve turning, the intuitive Valve Star or Valve Star Auto options are available.

HURCO SPIN DOCTORS

Unique design allows for easy connection to valves that are on a hill, in a ditch, or over a guard rail.

STRENGTH

- UP TO 800 FT LBS ADJUSTABLE TORQUE MEASURED WITH PRECISION SENSORS
- UP TO 60 RPM VALVE TURNING
- DIRECT DRIVE HYDRAULIC MOTOR FOR OPTIMAL TORQUE, SPEED AND DURABILITY
- LIMITED LIFETIME WARRANTY ON BOOM
- DURABLE TELESCOPIC VALVE KEY





SMARTS

- HORIZONTAL REACH: 9' STANDARD; UP TO 13' WITH EXTENDED REACH OPTION
- VERTICAL REACH: 4' BELOW SURFACE - 7' ABOVE HORIZONTAL RANGE: 180°
- STANDARD; UP TO 270° WITH EXTENDED REACH OPTION
- TILTING HEAD: 30° FRONT TO BACK; 22° SIDE TO SIDE (90° OPTIONAL)
- CONTROL PANEL: DIGITAL COUNTER AND ANALOG TORQUE GAUGE STANDARD
FULL COLOR TOUCH SCREEN WITH VALVE STAR OPTION
- DATA COLLECTION - OPTIONAL WITH VALVE STAR
- HANDS-ON CONTROL STANDARD; HANDS-FREE OPTION WITH VALVE STAR AUTO
- CONFIGURATION OPTIONS: RECEIVER HITCH, SMALL TRAILER, VAC UNIT

SD800 VALVE EXERCISER

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VERTICAL LIFT AND HEAVY DUTY CONSTRUCTION LIKE NO OTHER VALVE EXERCISER

Our horizontally aligned ERB800 valve exerciser provides ultimate durability with unmatched vertical range. The patented BPS - Break Positioning System™, keeps the boom exactly where you need it. Easily connect to a valve that isn't perfectly aligned with the pivoting head. The direct drive eliminates weakness and limited mobility caused by u-joint connections. Lower or lift the boom to avoid the boom swinging straight out into a hill, or needing an extra long valve wrench to reach valves in a ditch. No need for data collection? The ERB800 is fully functional without the VSG6 Data Collection System, but is easily added if your needs change in the future.

STRENGTH

- UP TO 800 FT LBS ADJUSTABLE TORQUE
- 0-60 RPM VALVE TURNING
- DIRECT DRIVE FOR MAXIMUM TORQUE AND MINIMUM MAINTENANCE
- 3" SQUARE STEEL TUBING CONSTRUCTION
- LIMITED LIFETIME WARRANTY ON BOOM



SMARTS

- HORIZONTAL REACH: 0-13'
- VERTICAL REACH: UP TO 7'
- HORIZONTAL RANGE: 270°
- TILTING HEAD: 30° FRONT TO BACK; 22° SIDE TO SIDE (90° OPTIONAL)
- CONTROL PANNEL: DIGITAL COUNTER AND ANALOG TORQUE GAUGE
- ALWAYS PROVIDES HANDS-ON OPERATION WHEN WANTED - NO DOWN TIME
- OPTIONAL VALVE STAR - NOT REQUIRED IF DATA COLLECTION ISN'T NEEDED
- HANDS-FREE OPTION AVAILABLE WITH OR WITHOUT VALVE STAR
- CONFIGURATION OPTIONS: MOUNTING PLATE FOR TRUCK MOUNTS (FRONT/REAR BUMPER, FLATBED), SMALL TRAILER, VACUUM UNIT



Customize a configuration that best fits your utility. Mount the ERB800 directly to the flatbed or front of your maintenance truck. Keep all of your valve turning equipment contained on a small trailer. A hydro excavation vacuum mount will ensure there's no down time when you come across a valve box full of debris.



ERB800 VALVE EXERCISER

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DATA COLLECTION & HANDS-FREE VALVE EXERCISING



The Valve Star and Valve Star Auto provide a simple solution to capture all critical valve data. Running off of the Spin Doctor's power source and mounted to the valve exerciser head, you never need to worry about having the computer run out of battery, or forgetting to bring it along for the day. If you prefer to use an external computer, you can connect to the system from several feet away through Bluetooth®. Choose to get a field computer with your Valve Star, or utilize your existing field computer. The Valve Star can be easily added at a later date if your utility's needs change over time.

HOW IT WORKS



Critical data is collected on the Valve Star during valve exercising.



Data is transmitted to a field computer, or stored in the on-board computer and transferred to flash drive.



When testing activities are complete, data is transferred to an office computer.



Detailed reports are produced from the data. Data is fully exportable in .csv format



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EXTENDED REACH (ERG3)

Allows for 13' reach and 270° range. SD400 or SD800.



POWER PACK

13hp Honda with electric start for all valve exercisers. 6.5hp Honda for SD400.



VALVE STAR

Data Collection with or without hands-free operation. SD800 or ERB800.



90° TILTING HEAD

44° standard side to side - 90° optional. 60° front to back.

CUSTOMIZED FOR YOUR SPECIFIC UTILITY

From a hitch mounted valve exerciser to a full Valve & Vac system, we have options for municipalities of every size in a price that fits your budget.



CUSTOM COLORS

Your equipment in your colors! Shown on small trailer (SDT).



SOCKET-TITE

Clamp on to rounded off valve stems



SLICK STICK

Tackle tough valves with the Slick Stick and penetrating lubricant.



HANDHELD VALVE & HYDRANT TURNER

A cordless valve exerciser that offers limitless valve access.

COMPLETE VALVE MAINTENANCE SYSTEM

When your crew pulls up to a valve box full of debris, avoid delays with the all-in-one Valve & Vac System. In addition to top of the line components, the vac was built for easy use and low maintenance. The compact design allows for towing with a small truck, getting into tight places.

STRENGTH

- 49.6 BHP CAT DIESEL; 37 HP KOHLER GAS ENGINE
- 4.8 GPM @ 3000 PSI GIANT WATER PUMP
- 495 CFM @ 14" HG GARDNER DENVER BLOWER
- 9 GPM @ 2250 PSI HYDRALIC PUMP
- POWERED TO RUN ALL FUNCTIONS SIMULTANEOUSLY AT STATED SPECIFICATIONS

SMARTS

- POWER PLATE WITH ANTI-VIBRATION MOUNTS
- FULLY OPENING DOOR FOR EASY CLEANOUT PROPERLY
- PROPERLY BALANCED FOR EASY TOWING AND LIGHT TONGUE WEIGHT



Hydro excavation valve box repair results in a small and less disruptive excavation area.



300 GALLON SKID MOUNT



600 GALLON WITH HYDRAULIC LIFT



600 GALLON TILTED TANK



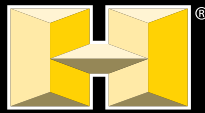
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CUSTOMIZED FOR YOUR UTILITY



HYDRO EXCAVATION VACUUM



HURCO[®]

TECHNOLOGIES, INC.

THE PERFECT TOOLS FOR IMPERFECT UTILITIES



Fire Flow Pro for hydrant and water main testing.

Re-rounder for repairing deflected pipelines

Ventilator with Line Stringer & Deflection Gauge with Proving Ring



Power Smoker for leak detection in sewer lines



Shorelock Pump for hydraulic shoring



Test Pump for pressure testing water lines

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Hurco Technologies products are covered by several United States Patents and other Patents Pending.

See our Virtual Patent Marking on-line for more information.