

# Spin Doctor Specifications

## **Range of Motion from a stationary point:**

- Reach 0 feet to 13 feet with ER – 32” to 10’ without ER
- Approximately 270 degrees of motion with ER - 180° without ER
- Head is self leveling with a release that allows for alignment of valve wrench when valve is not in perfect vertical alignment.
- Head rotates approximately 90 degrees side to side and 30 degrees front to back to allow for alignment of valve wrench when the valve is not in a perfect vertical position.
- Valve wrench is adjustable to allow for a comfortable working height of Spin Doctor head. (Comfortable height is waist level).

## **Power controller:**

- 50 to 500 ft. lbs. of torque and up to 2000 ft lbs of torque with our optional torque multiplier. See special note below.

**(Important: Never operate a valve at a torque higher than the valve manufactures maximum torque requirement as this can seriously damage the valve.)**

**Special Note:** The Spin Doctor was engineered to be safe to operate and to meet the torque requirements of most valve manufactures. The Spin Doctor boom has been tested at over 2000 ft lbs of torque, and carries a limited life time warranty. Since operating a valve with excessive torque can be dangerous and damage the valve, you are encouraged to follow the valve manufactures recommendations. However, if your choice is to “bully” the valve, we would recommend the use of our Slick Stick with special penetrating oil with silicone. This will usually do the trick. If this does not work and you still want to apply excessive torque, then the use of an optional impact torque wrench will increase your odds of success. Hurco offers two torque wrench options that will give you up to 3000 ft lbs of torque in short impact bursts.

- Variable torque control at the head.
- Self-centering auto stop control lever for valve operation.
- Liquid filled Torque Gauge
- Digital Counter with zero reset.

## **Other Features:**

- Gas Spring balanced boom and head assembly. Feather touch movement means the operator is not lifting a heavy piece of equipment.
- Torque is absorbed by the unique design of the head assembly. This means a lightweight but strong assembly allowing for ease of use and no risk of injury due to torque transfer to the operator as with a hand held valve exerciser. This shocking absorbing feature also helps reduce impact on valve stem and lessens the likelihood of a catastrophic failure of the valve stem.
- Safety locks for travel.
- Durable powder coat finish.
- Waterproof cover for storage or traveling in wet weather.
- 3 mounting configurations: Rear receiver, Front receiver and Trailer mount.

## **Included Accessories:**

- 3 piece valve wrench, adjustable to 8 ft. Optional sections are available to increase the length.
- Standard fire hydrant wrench adapter. Hydrant wrenches can be manufactured to meet any specification.

### Digital Counter

Display	LCD, 8 decades
Display Range	-9999999 ... 9999999
Reset Key	Reset display to zero
Power Supply	Non-replaceable Lithium Battery (lifetime - approx. 8 years)
Working Temperature	14 ... 131 F / 10 ... 60 C

Digital counter is water-resistant not water proof. Do not power wash or drive with counter exposed in wet weather. Cover counter when not in use or traveling in wet weather. Moisture in display screen is due to extreme temperature changes. This is normal and will go away as temperature stabilize.

## Power Pac Specifications

### SD6.5

Engine	Honda GX200
Horsepower	6.5
Hydraulic Tank Capacity	5 Gal
Hydraulic Flow	4.75 GPM
Pressure – (Factory Pre-set)	2000 PSI
Weight	99 lb
RPM of valve turning	0-39 RPM

### SD13E

Engine	Honda GX390E (Electric start)
Horsepower	13
Hydraulic Tank Capacity	8 Gal
Hydraulic Flow	9.5 GPM
Pressure – (Factory Pre-set)	2000 PSI
Weight	160 lb
RPM of valve turning	0-85