SPECIFICATIONS

Spin Doctor® 400™

General		Yes	No	Specify
Capacity	Operates all valves 4" to 60"	X		
Speed	From 0 up to 60 depending on hydraulic supply flow. If equiped with Valve Star Auto, when in auto mode, the speed will be from 5 up to 30 depending on hydraulic flow.	X		
Torque	From 0 up to 400 ft lbs depending on hydraulic pressure supply.	X		
Supply Requirements	HTMA Class II recommended - 8 gpm @ 1800 PSI for maximum performance.	X		
Finish	Acid wash with Powder Coat finish	X		
Extend Reach	ERG3 Extended Reach assembly			Optional
Mounting Configurations	Will slide into any standard 2" rear or front hitch receiver without any special tools or modifications. Can be purchased on a trailer configuration or Hurco's Vacuum options.	X		

Range of Motion Features		Yes	No	Specify
Range	Approximately 270 degree side to side with ERG3 Extended Reach Option. Vertical from approximately 4' below surface level to approximately 7' above surface level. Allow for easy access to valves and hydrants in hard to reach places.	X		
Reach	9 feet and up to 13' with ERG3 Extend Reach Option from mounting pedestal.	X		
Alignment	Self leveling and swiveling head that allow for connection to valve wrench that is not perfectly straight up and down. Approximately 22 degrees front to back and 30 degrees side to side. No high maintenance U-Joint connection.	X		
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.	X		

Mechanical		Yes	No	Specify
Features	Spring loaded locking levers, no loose pins. Locking brakes are not required. Because of vertical alignment, the Spin Doctor will position itself against the resistance of torque on the valve without applying torque to the operator. Gas Spring balanced boom and head assembly to assist with the placement of the valve exerciser with minimal lift required by the operator.	X		
Materials of Construction	2" x 1" - 12 gauge steel tube. Spin Doctor arm is University tested for strength against the torque being applied when exercising a valve. Garlock bushings on critical pivot points.	X		
Control Panel	Analog Torque gauge, LED Digital reversible and resettable counter. Manual controls for operation and Torque Control.	X		
Drive	Direct drive. No high maintenance mechanical gear box with chain drive reduction. Allows for direct connection to adjustable valve wrench for a comfortable work height.	X		

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SPECIFICATIONS

Spin Doctor® 400™

Operation		Yes	No	Specify
Manual Operation	Manual controls for rotation, torque.	X		
Computer Control	Not an option on the SD400 Model Spin Doctor		X	Currently not available on this model
Additional Optional Items		Yes	No	Specify
Tool Box	Heavy Duty locking polished diamond plate tool box. 28"x16.5"x11.5"			Optional
Arrow Board	Programmable arrow board with controller			Optional
Warranty		Yes	No	Specify
Standard Warranty	1 year for parts and service beginning on delivery date.	X		
Extended Warranty	2 years parts and service from delivery date.			Optional - Additional Charge
Delivery and Training		Yes	No	Specify
F.O.B.	Freight is FOB Harrisburg, South Dakota	X		
Deliver and Train	Deliver to customer and 4 hours of training			Optional - Additional Charge

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SPECIFICATIONS

Spin Doctor® 400™

Hurco Hydraulic Power Pack - PP6.5 Specifications

General		Yes	No	Specify
Engine	Honda GX200 - 6.5 Horsepower Gas Engine, air cooled pull start.	X		
Hydraulic Tank	Tank capacity 5 Gallon, oil level sight glass, spin on filter and relief valve	X		
Ratings	4.7 GPM at 2000 PSI (Factory Pre-set)	X		
Weight	99 pounds	X		
Finish	Black Acrylic Paint	X		
Mounting	Skid Plate with roll bar protection.	X		
Oil Cooler	Thermostatic controlled fan cooled heat exchanger and temperature gauge.			Optional

Hurco Hydraulic Power Pack - PP14E Specifications

General		Yes	No	Specify
Engine	Subaru Robin 14 Electric Start, 14 Horsepower, air cooled Gas Engine	X		
Hydraulic Tank	Tank capacity 8 Gallon, oil level sight glass, spin on filter and relief valve	X		
Ratings	7 GPM at 2000 PSI (Factory Pre-set) (Capable of up to 3000 PSI	X		
Weight	99 pounds	X		
Finish	Black Acrylic Paint	X		
Mounting	Skid Plate with roll bar protection.	X		
Oil Cooler	Thermostatic controlled fan cooled heat exchanger and temperature gauge.			Optional