

## HANDHELD VALVE OPERATOR



RS-2 110v Electric

The RS-2 Portable Valve Operator for rising and non-rising stem valves is available with up to 800 lb-ft torque and a maximum of 55 rpm for fast, reliable opening and closing of water, wastewater and natural gas valves in the field.

### A MULTI-FUNCTIONAL VALVE OPERATOR

- Available in hydraulic, pneumatic or electric drive
- Operate all rising & non-rising stem valves from 6in to 60in
- 4in opening for operating rising stem valves
- Mount to any handwheel with "Universal Handwheel Adapter"
- Forward and reverse operation
- Variable speed control
- Built in easy view LCD counter
- 55 rpm high-speed operation for valves requiring several hundred turns
- 800 lb-ft torque for difficult valves (pneumatic model)
- Optional VITALS Torque Control

### STANDARD EQUIPMENT:

- RS-2 Rising Stem Valve Operator
- Torque arm extension for two man operation
- Fitted Storage Case
- Operating Tools
- Operating Manuals

### OPTIONAL EQUIPMENT:

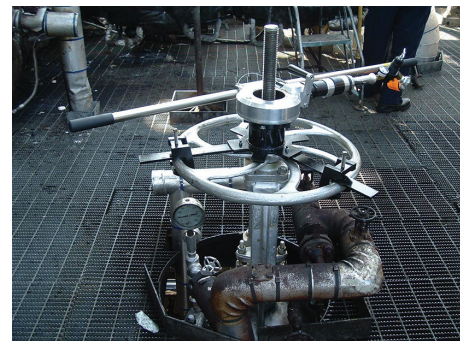
- 1in Square drive adapter  
(pn: 09-402-00)
- Dedicated handwheel adapter plate  
(pn: 09-404-00)
- Universal handwheel adapter  
(pn: 09-405-00)
- 8 ft Telescoping Valve Key  
(pn: 05-402-00)



Hydraulic drive RS-2 single user operation



Semi or permanent mount universal handwheel adapters for any handwheel (two man operation shown)



RS-2 operating a non-rising stem valve

**HANDHELD VALVE OPERATOR**

**SPECIFICATIONS**

**Machine Capacity:** Operates all rising and non-rising stem valves from 6in to 60in, which require mechanized turning.

**Drive:**

Lightweight aluminum gear box  
 Two stage reduction  
 Planetary motor drive  
 Steel ring and pinion secondary drive

**Drive Hub:**

4in opening for rising stem valves

**Revolution Counter:**

Built in "easy view" LCD counter.  
 Push button reset counts 1/10 revolution increments, forward and reverse, automatically

**Pneumatic Power Requirements:**  
 60 cfm @ 90 psi

**Electric Power Requirements:**  
 110 volt AC  
 (15 amps or 3500 watt generator)

**Hydraulic Power Requirements:**  
 8 gpm @ 1800 psi

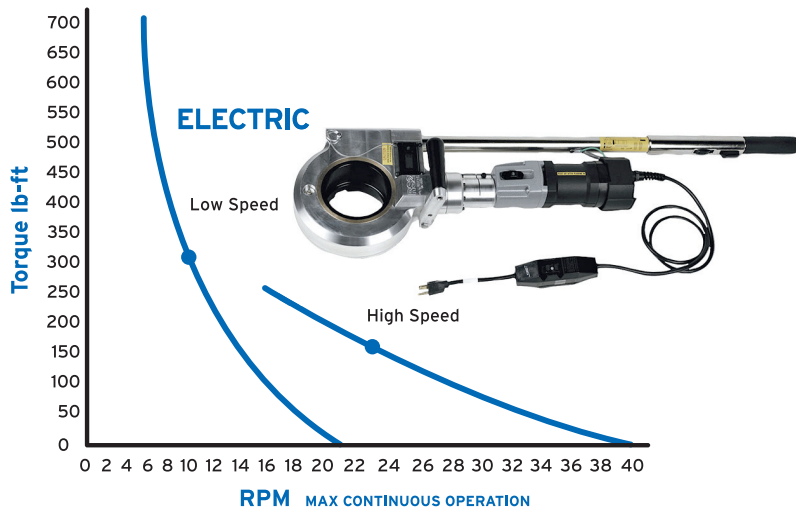
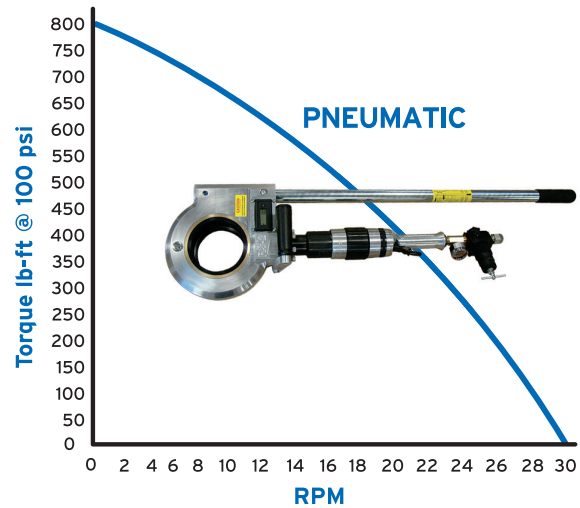
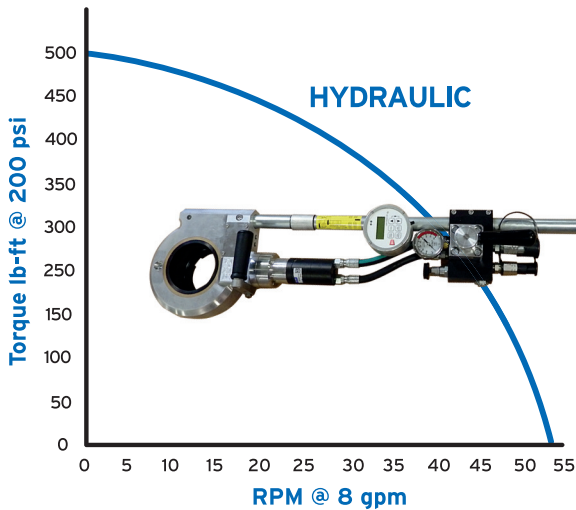
**Pneumatic Motor Controls:**  
 Variable speed  
 Forward and reverse dial

**Hydraulic Motor Controls:**  
 Variable speed  
 Adjustable torque control  
 Forward and reverse control valve

**WARRANTY**

E.H. Wachs Tools and their associated parts are warranted against defects in materials and workmanship for a period of twelve months from the date of purchase. E.H. Wachs Company reserves the right to repair or replace only those parts which prove to have been defective at the time of purchase. This warranty becomes void if maximum flow and pressure ratings are exceeded.

**OPERATION CHARTS TORQUE AND RPM**



**CONTACT US TODAY FOR A DEMONSTRATION OR QUOTATION**

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