



# RS-2

**Operates Rising & Non-Rising Stem Valves**

## ALL NEW DESIGN

The RS-2 **Portable Valve Operator** for rising and non-rising stem valves delivers up to 800 lb./ft. torque and a maximum of 55 rpm for fast, reliable opening and closing of **water, wastewater, pipeline and petro-chemical valves**.



Semi or permanent mount on any handwheel

## RS-2....A MULTI-FUNCTIONAL VALVE OPERATOR OFFERING OUTSTANDING FEATURES....

- Available in Hydraulic, Pneumatic or Electric Drive.
- Operate all Rising & Non-Rising Stem Valves. from 6" to 60".
- 4" 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.
- RS-II offers speed for opening and closing valves requiring several hundred turns and also power for valves requiring increased torque.

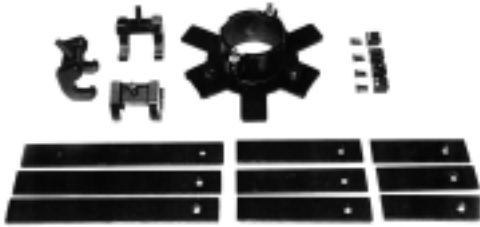


Hydraulic drive RS-2



RS-2 operating a non-rising stem valve. An extension handle for two man operation is included with the machine.

# RS-2



**Universal handwheel Adapter**  
for valves requiring occasional operation



**Dedicated handwheel Adapter Plate**  
for semi permanent installation



**1" Square Drive Adapter**  
for Non-Rising Stem Valves

OPERATE YOUR RS-2 AND OTHER  
VALVE TURNING AND PIPE  
CUTTING EQUIPMENT WITH....

## WACHS HYDRAULIC POWER UNITS

- **Cart Mounted / Electric Start**
- **9 to 15 H.P. Gas or Diesel Engines**
- **8 to 15 G.P.M. units Available**



### SPECIFICATIONS

|                              |  |  |  |
|------------------------------|--|--|--|
| <b>CAPACITY:</b>             | Operate all rising and non-rising stem valves from 6" to 60", which require mechanized turning.                            |  |  |
| <b>DRIVE:</b>                | •Lightweight Aluminum gear box.<br>•Planetary motor drive.   | •Two stage reduction.<br>•Steel Ring and Pinion secondary drive. |  |
| <b>DRIVE HUB:</b>            | 4" opening for rising stem valves.   |  |  |
| <b>REVOLUTION COUNTER:</b>   | Built in "easy view" LCD Counter. Push button reset counts 1/10 revolution increments, forward and reverse, automatically. |  |  |
| <b>FINISH:</b>               | Aluminum gear housing, Zinc plated handle.   |  |  |
| <b>DIMENSIONS:</b>           | 42" length, 4.75" width, 10.3" height  |  |  |
| <b>WEIGHT:</b>               | Approximately 37-40 lbs.   |  |  |
| <b>POWER REQUIREMENTS:</b>   | <b>AIR</b>   | <b>ELECTRIC</b>  | <b>HYDRAULIC</b>   |
|                              | Air drive, 60 cfm @ 90 psi.  | Electric, 110 volt AC<br>(15 amps or 3500 watt generator)        | Hydraulic, 8 gpm @ 1800 psi  |
| <b>MOTOR CONTROLS:</b>       | Variable speed.<br>Forward and reverse dial.   | 2 speed.<br>Forward and reverse control knob.                    | Variable speed.<br>Adjustable torque control.<br>Forward and reverse control valve     |
| <b>OPTIONAL ACCESSORIES:</b> | •Universal handwheel adaptor (pn: 09-405-00)<br>•1" Square drive adopter (pn: 09-402-00)                                   |  | •Dedicated handwheel adapter plate (pn: 09-404-00)<br>•8 ft. Valve Key (pn: 05-402-00) |

### TORQUE AND RPM OPERATION CHARTS

