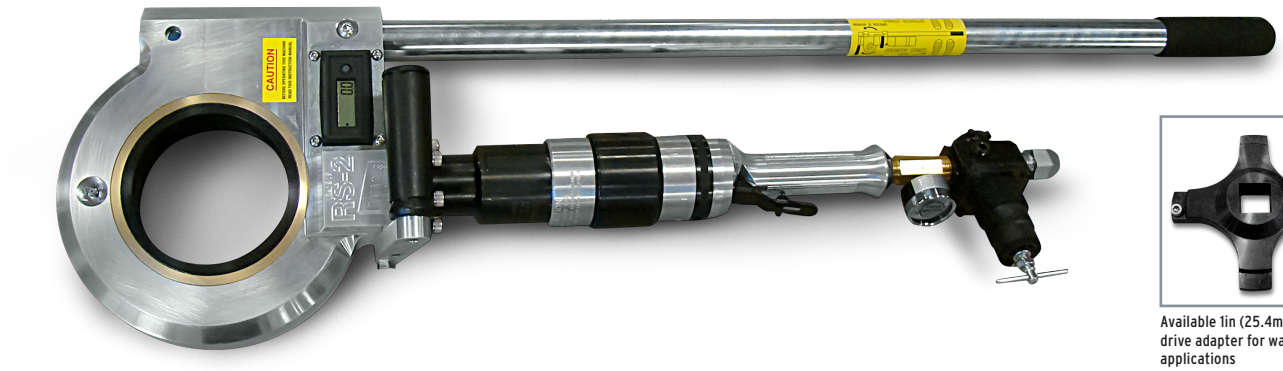
E.H. WACHS
Excellence Since 1883™

RS-2
Rising Stem Handheld Valve Operator

Portable Handheld Valve Operator for Rising Stem Valves

Part Number | 78-000-01 Electric 110V Drive | 78-000-12 Electric 110V Torque Control | 78-000-03 Pneumatic Drive

RENTAL AVAILABILITY



Available 1in (25.4mm) square drive adapter for water valve applications

ELECTRIC OR PNEUMATIC DRIVE OPTIONS

FAST ONE MAN OPERATION

AVAILABLE ELECTRONIC TORQUE CONTROL

E.H. Wachs RS-2, designed with operator safety in mind, helps eliminate the arm and back injuries associated with manually turning large, stubborn or frozen industrial or municipal valves. Turning valves and handwheel valves is an important part of maintaining valuable infrastructure. Valves must be operated, or "exercised", which is the process of running a valve several times through its full cycle to prevent it sticking or freezing, rendering it inoperative when needed.

Wachs RS-2 Rising Stem handheld is designed to operate rising and non-rising stem valves from 6 to 60 inches (152 to 1524 mm). It's open 4 inch hub design accommodates most rising stems valves. Available in pneumatic or 110V 60Hz electric powered models, each includes forward and reverse variable speed control, a revolution counter, torque arm extension bar, owner's manual and steel storage case.

The RS-2 is available with a range of adapters and accessories to suit most applications, including operation of PIV (Post Indicator Valves). There's a 1 inch (25.4mm) square drive adapter, dedicated handwheel adapters, and a universal handwheel adapter to fit most common handwheels.

Depending on the model, the RS-2 delivers up to 800 ft/lbs (1085 Nm) of torque at a maximum 38 rpm for fast, reliable opening and closing of water, wastewater, oil and gas, pipeline, and petrochemical valves. A 110V electric version with user adjustable electronic torque control is available, offering greater protection for the operator and reduced risk of damaging a valve.

RS-2 FEATURES

- Available in pneumatic or 110V electric drive models
- Operates rising & non-rising stem valves from 6 to 60 inch
- 4 inch opening accommodates most rising stem valves
- Delivers up to 800 ft/lbs (1085 Nm) of torque for stubborn valves
- Maximum 38 rpm high-speed operation for fast operation
- Mounts to most handwheels with optional handwheel adapters
- Fingertip variable speed and direction control
- Available 110V electric model with electronic torque control

RS-2 STANDARD EQUIPMENT

- RS-2 Rising Stem valve operator/exerciser
- Torque-arm extension for optional two-man operation
- Fitted steel transport/storage case
- Operating hand tools
- Operating manual

RS-2 OPTIONAL EQUIPMENT

- 09-402-00 1in (25.4mm) Square Drive Adapter
- 09-404-00 Dedicated Handwheel Adapter Plate
- 09-405-00 Universal Handwheel Adapter
- 05-402-00 8ft (2.44m) Valve Key

E. H. Wachs | 600 Knightsbridge Parkway | Lincolnshire, Illinois 60069 | (847) 537-8800 | **ehwachs.com** | **turnvalves.com**

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RS-2
Rising Stem Handheld Valve Operator

RS-2 SPECIFICATIONS

Machine Capacity:
Operates most rising and non-rising stem valves from 6 to 60 inch (152 to 1524 mm)

Drive System:
Lightweight aluminum gear box with two stage reduction
Planetary motor drive, steel ring and pinion secondary drive

Drive Hub:
4 inch hub opening accommodates most rising stem valves
Accepts optional one inch square adapter for water valves

Revolution Counter:
Built in "easy view" LCD counter with push button reset
Automatically counts in 1/10 revolution increments, forward and reverse

Peak Torque:
Electric drive up to 700 ft/lbs (949 Nm)
Pneumatic drive up to 800 ft/lbs (1085 Nm)

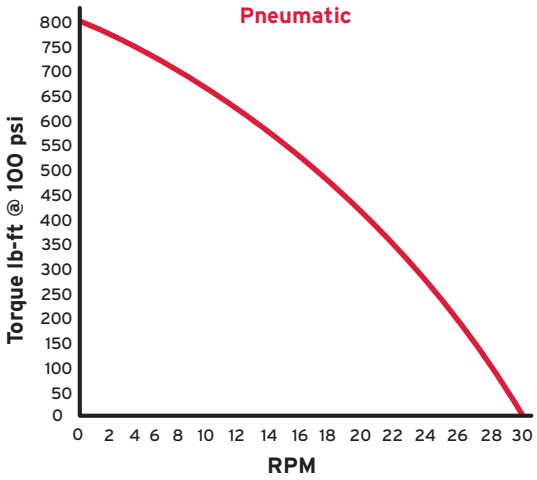
Electric Power Requirement:
110V AC (15 amp circuit or 3500 watt generator)

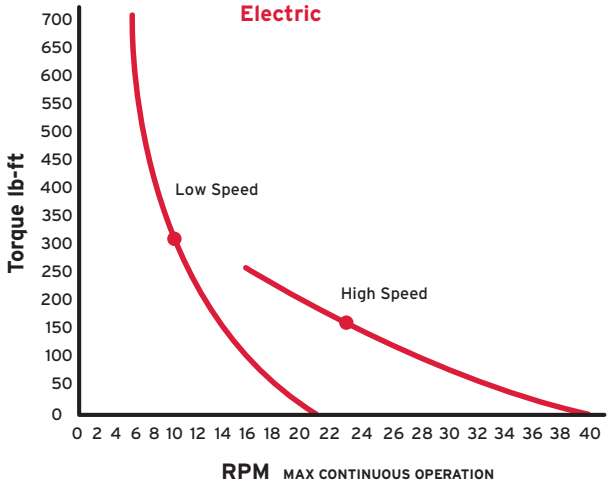
Pneumatic Power Requirement:
60 cfm @ 90 psi

Electric Motor Controls:
Variable speed control
Forward and reverse control
Available electronic torque control

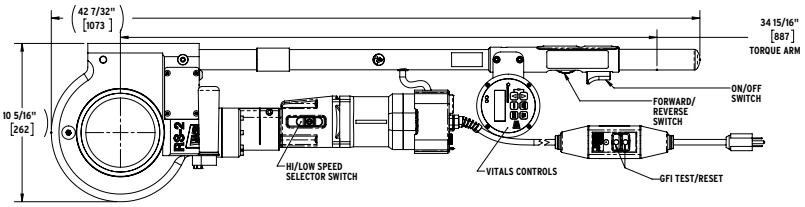
Pneumatic Motor Controls:
Variable speed control
Forward and reverse control

Weight Tool Only:
78-000-01 Electric 110V 45 lbs (20.4 Kg)
78-000-12 Electric 110V Torque Control 47 lbs (21.3 Kg)
78-000-03 Pneumatic Drive 50 lbs (22.7 Kg)

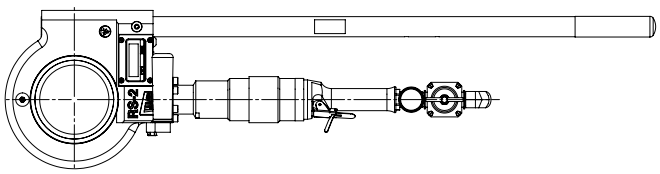




RS-2 Electric with Torque Control



RS-2 Pneumatic





Electric RS-2 available with torque control, shown with handwheel adapter