

RS-2 Valve Operator

Rising Stem Valve Turning & Operation

Turning valves and valve handwheels is an important job for maintaining pipeline infrastructure. An organization can have hundreds or even thousands of valves that must be controlled, or in some industries "exercised", the process of running a valve through its full cycle to prevent sticking or freezing caused by factors such as tuberculation.

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

Highly Versatile

The RS-2, designed with operator health in mind, spares arm and back injuries associated with manually turning large, stubborn or frozen industrial valves. The RS-2 offers a range of adapters and accessories to suit most applications, including PIV (Post Indicator Valves). There's a 1in (25.4mm) square drive adapter, dedicated handwheel adapters and a universal handwheel adapter to fit most common handwheels.

Multi-Functional Valve Operator

- Available in hydraulic, pneumatic or electric Drive
- Operate all rising & non-rising stem valves from 6-60in (152.4-1524mm)
- 4in (106.1mm) hub 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
- 55rpm high-speed operation for valves requiring several hundred turns
- 800lb-ft torque for difficult valves

Available Models

DRIVE TYPE	POWER REQUIREMENTS	MOTOR CONTROLS	PART #
Pneumatic	60cfm @ 90psi	Variable speed; Forward and reverse dial	78-000-03
Electric	110volt AC (15amps or 3500 watt generator)	Variable speed; Adjustable torque control Forward and reverse control valve	78-000-01
Hydraulic	8gpm @ 1800psi	Variable speed; Adjustable torque control Forward and reverse control valve	78-000-04

RS-2 Handwheel Adapter

For using the rising stem valve operator with standard handwheels.

MODEL	PART #
RS2 Dedicated Handwheel Adapter - Stays on handwheel for quick operation	P13-017-4007-00
RS2 Universal Handwheel Adapter	P13-017-4008-00



RS2 Dedicated Handwheel Adapter P13-017-4007-00



RS2 Universal Handwheel Adapter P13-017-4008-00



RS2 Rising Stem Valve Operator electric model shown



RS2 with Handwheel Adapter



RS2 operating rising stem valve



Allows for 2-person operation

P-2 Valve Operator

Handheld High Speed or High Torque Valve Operation

E.H. Wachs® powered handheld valve turners/operators are built for quick operation and exercising of valves. Available in pneumatic, hydraulic and electric drive the P-2 is powerful and highly portable for quick, efficient operation of most valves, handwheel valves and post indicator valves (PIV).

The E.H. Wachs® P-2 (Pow-R-Drive 2) handheld valve turning machine is the ideal solution for organizations dealing with critical valves of any sort, including fire prevention and water material handling systems. It's lighter, faster and more powerful than any other machine of its kind and helps eliminate arm and back injuries associated with attempting to manually turn large or stuck valves.

The P-2 offers increased productivity, operator efficiency and valve protection. It's compact size and light weight make it the perfect tool for hard to reach valves, valve turning/exercising and fast shut downs, delivering controlled power to operate valves 6" (152.4mm) and up.

The P-2 is available in both high speed HS and high torque HT models, in pneumatic, hydraulic, or electric drive. An optional universal handwheel adapter allows the P-2 to operate non-rising stem handwheels.

P-2 Features

- Lightweight, rugged construction
- Easy setup and operation
- Convenient finger tip control
- LCD counter, VITALS compatible
- VITALS offers precise torque control
- Pneumatic, hydraulic or electric

Available Models

DRIVE TYPE	TORQUE	SPEED	PART #
Electric 110V	500 ft-lb	20 rpm	11-000-07
Electric 220V	500 ft-lb	20 rpm	11-000-10
Pneumatic	500 ft-lb	26 rpm	11-000-08
Hydraulic	500 ft-lb	24 rpm	11-000-09
Electric 110V	500 ft-lb Vitals torque control	20 rpm	11-000-17
Electric 220V	500 ft-lb Vitals torque control	20 rpm	11-000-20
Hydraulic	500 ft-lb Vitals torque control	20 rpm	11-000-19
Electric 110V	800 ft-lb	10 rpm	11-000-02
Electric 220V	800 ft-lb	10 rpm	11-000-05
Pneumatic	800 ft-lb	13 rpm	11-000-03
Hydraulic	800 ft-lb	12 rpm	11-000-04
Electric 110V	800 ft-lb Vitals torque control	10 rpm	11-000-12
Electric 220V	800 ft-lb Vitals torque control	10 rpm	11-000-15
Hydraulic	800 ft-lb Vitals torque control	12 rpm	11-000-14

P-2 Handwheel Adapter

Size adjustable solution for using the P-2 with Standard Handwheels

MODEL	PART #
P-2 Handwheel Adapter	11-401-00



P-2 Handwheel Adapter



P-2 Electric 110V Model



P-2 Pneumatic Model



P-2 Hydraulic Model



Vitals torque control available on select models.



P-2 Electric shown with Handwheel Adapter