



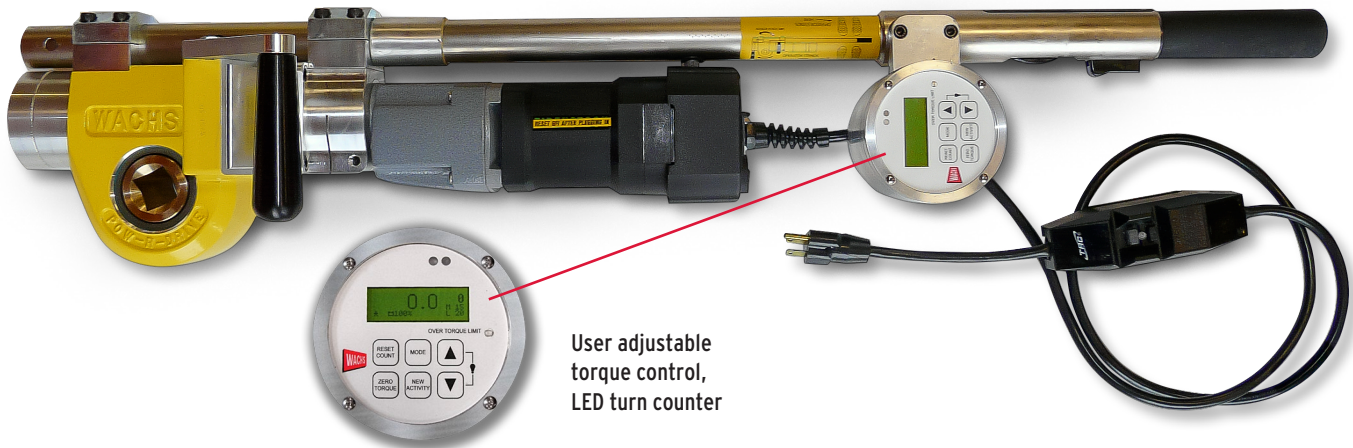
**E.H. WACHS**  
Excellence Since 1883™

**P-2 (Pow-R-Drive 2)**  
Handheld Valve Operator

**Handheld High Speed or High Torque Valve Operation**

Part Number | 11-000-17 Electric 110V High Speed | 11-000-12 Electric 110V High Torque

**RENTAL**  
AVAILABILITY



**ELECTRONIC TORQUE CONTROL**

**HIGH SPEED OR HIGH TORQUE MODELS**

**POWERFUL ELECTRIC DRIVE**

E.H. Wachs® P-2 (or Pow-R-Drive 2) electric powered handheld valve exerciser/operator is the ideal solution for organizations dealing with critical valves including municipal water supplies, fire prevention valves and water material handling systems. Powerful and highly portable, the P-2 is ideal for quick, efficient operation of surface and underground water valves, fire prevention post indicator valves (PIV) and non-rising handwheel valves (with optional adapters).

Lighter, faster and more powerful than any other machine of its kind, Wachs P-2 helps eliminate arm and back injuries

related to extreme repetitive motions or manually turning stiff, stuck or larger valves. It's compact size and light weight make it the perfect tool for hard to reach valves, valve turning/exercising, and fast shutdowns delivering controlled power to operate valves 6" (152mm) and up. The P-2 is available in both HS high speed (up to 500 ft/lbs) and HT high torque (up to 800 ft/lbs) models. Both include electronic torque control powered by VITALS to help prevent operator injury or valve damage. Optional universal handwheel adapter allows the P-2 to operate non-rising stem handwheels.

P-2 FEATURES	P-2 CONSTRUCTION
<ul style="list-style-type: none"> <li>• Electric Drive 110V 60Hz</li> <li>• Standard electronic torque control powered by VITALS</li> <li>• Built-in resettable circuit breaker</li> <li>• Lightweight, rugged construction</li> <li>• Easy setup and one man operation</li> <li>• Convenient fingertip control, LCD counter</li> <li>• Available in High Speed and High Torque models</li> </ul>	<ul style="list-style-type: none"> <li>• Lightweight, rugged design built for heavy day to day usage</li> <li>• Maximum valve protection with standard electronic torque control</li> <li>• Safety features include GFI, speed control, automatic shut-off</li> <li>• Fingertip control for speed and rotating direction</li> <li>• LCD counter provides accurate valve rotation count</li> <li>• One man setup and operation, no operating tools required</li> <li>• Ergonomic carrying and operating handles for convenience</li> <li>• Machine weight rests on valve key collar, not on the operator for reduced fatigue</li> <li>• Allows for repetitive back and forth motion required for proper valve rehabilitation</li> </ul>
P-2 STANDARD EQUIPMENT	
<ul style="list-style-type: none"> <li>• P-2 110V Electric Handheld Valve Operator</li> <li>• Fitted Metal Travel and Storage Case</li> <li>• Torque arm extension for optional two man operation</li> <li>• Operating Manual</li> </ul>	



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# P-2 (Pow-R-Drive 2) Handheld Valve Operator

## P-2 SPECIFICATIONS

### Machine Capacity:

Operates valves 6 to 60 inch (153 to 1524mm) and other equipment requiring mechanized turning

### Drive System:

Sealed lightweight aluminum gearbox  
Planetary primary gear, two stage reduction  
Bronze/Steel secondary gear train  
Gear ratios for HS and HT models

### Electric Requirements:

110V AC (15 amp circuit or 3500 watt generator)

### Peak Torque:

High Speed Model 500 ft/lbs (678 Nm)  
High Torque Model 800 ft/lbs (1085 Nm)

### Machine Finishes:

Hard Chrome Plating  
Imron painted casting  
Satin or polished aluminum

### Weight Tool Only:

37 lbs (16.8 Kg)

## P-2 OPTIONAL EQUIPMENT

11-408-00	Telescoping Valve Key to 9ft (Colder Weather) for 2in AWWA Operator Nuts
11-409-00	Telescoping Valve Key up to 8ft (Warmer Weather) for 2in AWWA Operator Nuts
11-408-01	Telescoping Valve Key up to 9ft (Colder Weather) for 35mm Operator Nuts
11-409-01	Telescoping Valve Key up to 8ft (Warmer Weather) for 35mm Operator Nuts
11-242-03	36in Extension Add-on for Tele-Keys
11-408-10	Tee Handle Adapter for Tele-keys
11-401-00	Universal Handwheel Adapter
SPG-668-PIV	PIV Adapter

TORQUE	RPM		AMPS	
	FT/LBS	HIGH SPEED (LOW TORQUE)	HIGH TORQUE (LOW SPEED)	
100	10	8.6	6	4
200	8*	8*	6.5	6
300	7	11	4	7
375	6	12	4**	8**
500	5	15	4	10
600	X	X	3.6	12
700	X	X	3	12.5
800	X	X	3	13.5

\*Factory rated continuous load High Speed (low torque)

\*\*Factory rated continuous High Torque (low speed)



P-2 sets up quickly with one man operation

Handwheel Accessory

