



# Pow-R-Drive II

The Pow-R-Drive offers increased productivity, operator safety and valve protection. Perfect for hard to reach valves, valve exercising and fast shut downs. Delivers controlled power to operated valves from 6" to 60".



Versatile hand held valve operator

## Rugged Construction

- Lightweight, yet designed for heavy day to day use.
- Maximum valve protection with adjustable torque control up to 800 ft./lbs.
- Safety features include GFI\* (ground fault interrupter) speed control, torque control and automatic shut-off.
- "Finger tip" controls provide rotating direction and automatic shut-off.
- Built in "easy view" LCD counter with automatic forward/reverse provides accurate valve rotation count.
- Easy one man setup and operation-no operating tools required.

- Ergonomic carrying and operating handles ensure operator convenience.
- Weight of the machine rests on valve key collar-not on the operator's arms.
- Greatly reduces muscle strain and fatigue.
- The Pow-R-Drive II design gives the operator a sensitive feel of the valve, encouraging the repetitive back and forth motion required for proper valve cleaning.





# Pow-R-Drive II

Available with VITALS™

## SPECIFICATIONS

**Machine Capacity:** Operates all gate valves 6" to 60" (15.3 to 152.4 cm) and other equipment requiring mechanized turning

**Drive:** Sealed lightweight aluminum gearbox  
Two stage reduction  
Planetary primary  
Bronze/Steel secondary (12:01 reduction)

**Electric Requirements:** 110 V AC/220 V AC (15 AMP or 3500 WATT)

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

**Pneumatic Requirements:** 70 cfm @ 90 psi

**Peak Torque:** 800 ft./lbs. (1084 N-m)

**Finish:** Hard Chrome Plating

**Electric Motor Control:** 2 speed gear box: (Low RPM/High Torque) (High RPM/Low Torque)

Overload reset button

On/off, forward/reverse and neutral

GFI (ground fault interrupter) with test and reset

**Hydraulic Motor Control:** Adjustable torque setting valve from 0 to 800 ft./lbs. with torque indicator gauge

Reversing valve, spring loaded self centering automatic stop after release

**Pneumatic Motor Control:** Reversible pneumatic motor with spring loaded on/off lever  
Automatic stop after release

**Revolution Counter:** Built in digital counter display. Push button reset counts in 1/10 revolution increments, forward and reverse automatically

**Hydraulic Torque Gauges:** 0 to 800 ft./lbs. Glycerin filled

**Pneumatic Torque Gauges:** 0 to 800 ft./lbs.

**Finish:** Enamel paint, Nickel plated handles and accessories

**Valve Key Size:** 1" square solid (2.54 cm)

**Socket:** 2" square. AWWA standards (5 cm)

**Pow-R-Drive II Dimensions:** Length: 39-3/4" (101 cm)  
Width: 10-1/4" (26 cm) Height: 8-1/2" (22 cm)

**Storage Case Dimensions:** Length: 40-1/2" (103 cm)  
Width: 7-3/4" (20 cm) Height: 7" (18 cm)

**Pow-R-Drive II Weight:** Electric: 32 lbs. (15 kg)  
Hydraulic: 36 lbs. (16 kg) Pneumatic: 37 lbs. (17 kg)

**Packaging:** Heavy duty carrying case

## Standard Equipment:

Pow-R-Drive II

Torque arm extension for two man operation

Fitted Storage Case

Operating Tools

Operating Manuals

## Optional Equipment:

8' Valve Key (244 cm)

4' Valve key (122 cm)

2" Square AWWA socket

Stop Collar

15/16" Drive Socket

Pow-R-Arm System

## WARRANTY

E.H. Wachs Hydraulic 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.

## ELECTRIC 110 VOLTS

TORQUE ft./lbs.	RPM <small>*high speed low torque setting</small>	AMPS	RPM <small>*low speed high torque setting</small>	AMPS	
100	12.5	8.8			
175	9	10	5.5	8	*
300	4.3	15	4.7	9.5	
375	4.0	20	4.2	11	**
500	2	25	3.5	13.2	
600			2.5	15.5	
700			1.5	17.8	
800			.5	20	

\*Factory rated continuous load high speed/low torque  
\*\*Factory rated continuous load low speed/high torque

## ELECTRIC 220 VOLTS

TORQUE ft./lbs.	RPM <small>*high speed low torque setting</small>	AMPS	RPM <small>*low speed high torque setting</small>	AMPS	
100	10.2	3.1			
175	9.9	4.4	5.2	3.2	*
300	7.4	6.1	4.8	3.5	
375	5	7.5	4.5	4.5	**
500	2	10	3.6	5.5	
600			2.8	6.2	
700			1.5	7.5	
800			.5	10	

\*Factory rated continuous load high speed/low torque  
\*\*Factory rated continuous load low speed/high torque

## HYDRAULIC

Based on 8 gpm @ 1800 psi

FT./LBS.	RPM	
100	12	
175	12	
300	12	
375	12	
500	12	*
600	12	
700	12	
800	11	

## PNEUMATIC

Based on 90 psi @ 70 cfm

FT./LBS.	RPM	
100	13	
200	11	
300	7	
400	5	
500	4	*
600	3	
700	2	
800	1	

\*Factory rated continuous load

## E.H. WACHS COMPANY

600 Knightsbridge Pkwy. • Lincolnshire, Illinois 60069 • 800.323.8185 • +1.847.537.8800 worldwide • +1.847.520.1147 fax

[www.turnvalves.com](http://www.turnvalves.com)