



Pow-R-Drive II

VERSATILE HAND HELD VALVE OPERATOR

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".

- 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.

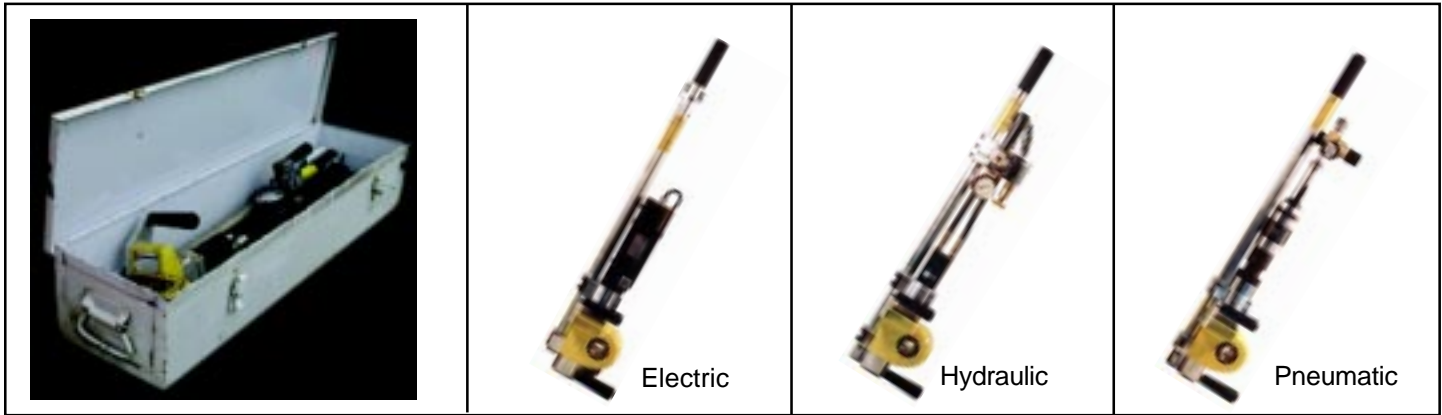
**"Pow-R-Arm Swiveling System"
adds versatility to your
"Pow-R-Drive" valve turning operations**



Pow-R-Arm supports the valve operator, swivels 180°, telescopes 18" and quickly mounts to vehicle trailer hitch.



POW-R-DRIVE II



SPECIFICATIONS

Capacity:	Operates all gate valves 6" to 60" (15.3 to 152.4 cm) and other equipment requiring mechanized turning.		
Drive:	<ul style="list-style-type: none"> Sealed lightweight aluminum gearbox Two stage reduction Planetary primary Bronze/Steel secondary (12:01 reduction) 		
Power Requirements:	Electric: 110 V AC/220 V AC (15 AMP or 3500 WATT)	Hydraulic: 8 gpm: @ 1800 psi	Pneumatic: 70 cfm @ 90 psi
Peak Torque:	800 ft./lbs. (1084 N-m)		
Motor Controls	<ul style="list-style-type: none"> 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 		
Electric:	<ul style="list-style-type: none"> Adjustable torque setting valve from 0 to 800 ft./lbs. with torque indicator gauge. Reversing valve, spring loaded self centering automatic stop after release. 		
Hydraulic:	<ul style="list-style-type: none"> Reversible pneumatic motor with spring loaded on/off lever. Automatic stop after release 		
Pneumatic:	<ul style="list-style-type: none"> 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.		
Torque Gauges:	Hydraulic: 0 to 800 ft./lbs. Glycerin filled Pneumatic: 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)		
Dimensions:	Length	Width	Height
Pow-R-Drive II	39-3/4" (101 cm)	7-3/4" (20 cm)	7" (18 cm)
Storage Case	40-1/2" (103 cm)	10-1/4" (26 cm)	8-1/2" (22 cm)
Weight:	Electric	Hydraulic	Pneumatic
	32 lbs. (15 kg)	36 lbs. (16 kg)	37 lbs. (17 kg)
Standard Accessories:	Torque arm extension for two man operation.		
Optional Accessories:	8' Valve Key (244 cm) 2" Square AWWA socket 15/16" Drive Socket	4' Valve key (122 cm) Stop Collar Pow-R-Arm System	

TORQUE PERFORMANCE CHARTS

ELECTRIC 110 VOLTS

TORQUE FT./LBS.	AMPS		RPM	
	*High Speed Low Torque Setting		*Low Speed High Torque Setting	
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.	AMPS		RPM	
	*High Speed Low Torque Setting		*Low Speed High Torque Setting	
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
200	12
300	12
400	12
500	12 *
600	12
700	12
800	11

* Factory rated continuous load

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



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Quality Certification
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