

# PXD SERIES SPECIFICATIONS



Simply...

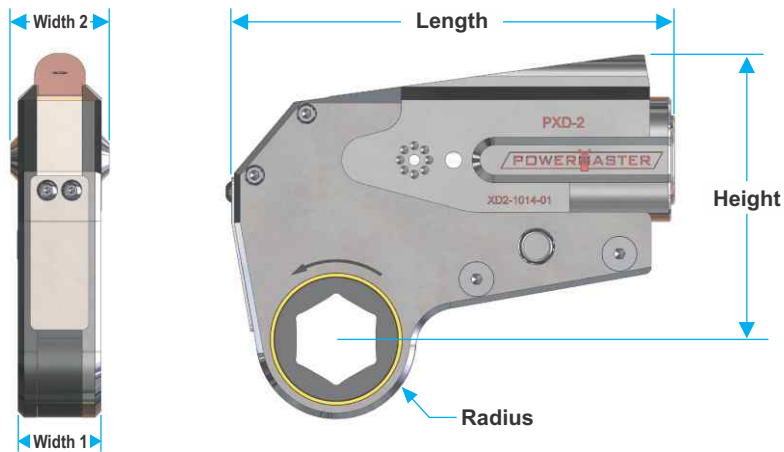
The Flattest Hydraulic Wrench Ever Produced

- Flat Design from Cylinder to Link!
- Unique Shaped Piston!
- Direct Flow Oil Distribution for Faster Stroke!
- Less Moving Parts!
- Accurate Repeatability!
- Hands-Off Operation!

Are only a few of the reasons why the Powermaster America PXD is the only tool of its kind!

## Technical

Model No.	PXD-0.75	PXD-1	PXD-1.5	PXD-2	PXD-4	PXD-8	PXD-16	PXD-32	PXD-45
Tool Hex from	13mm/ 1/2"	13mm/ 1/2"	19mm/ 3/4"	19mm/ 3/4"	25mm/1"	50mm/1.7/8"	65mm/2.5/8"	80mm/3.1/8"	80mm/3.1/8"
to	41mm/1.5/8"	46mm/1.13/16"	46mm/1.13/16"	65mm/2.9/16"	80mm/3.1/8"	115mm/4.5/8"	135mm/5.5/16"	205mm/8"	205mm/8"
Min. Torque Kg-m (Ft/Lbs)	5.6(41)	6(45)	10(70)	25(181)	55(398)	110(798)	212(1,533)	436(3,156)	562(4,066)
Max. Torque Kg-m (Ft/Lbs)	68(490)	93(673)	137(995)	293(2,120)	620(4485)	1,473(10,654)	2,438(17,624)	4,889(35,340)	6,550(47,347)
Output Accuracy	+/- 3%	+/- 3%	+/- 3%	+/- 3%	+/- 3%	+/- 3%	+/- 3%	+/- 3%	+/- 3%
Repeatability	100%	100%	100%	100%	100%	100%	100%	100%	100%
Duty Cycle	100%	100%	100%	100%	100%	100%	100%	100%	100%
Corrosion Protection	Standard								
Cylinder Weight Kgs / (Lbs)	0.38/(0.84)	0.50/(1)	0.55/(1.2)	1.59/(3.50)	2.73/(6.00)	5.32/(11.70)	7.27/(16.00)	11.82/(26.00)	13.7/(30.2)
Link Weight from Kgs / (Lbs)	0.47/(1)	0.50/(1)	0.60/(1.3)	1.09/(2.40)	2.45/(5.40)	5.41/(11.90)	9.55/(21.00)	13.18/(29.00)	13.18/(29.00)
to Kgs / (Lbs)	0.47/(1)	0.50/(1)	0.90/(2.0)	1.59/(3.50)	3.45/(7.60)	6.59/(14.50)	12.73/(2.00)	17.95/(39.50)	17.95/(39.50)



## Dimensions

Model No.	PXD-0.75		PXD-1		PXD-1.5		PXD-2		PXD-4		PXD-8		PXD-16		PXD-32		PXD-45	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
Length	108.00	4.25	111.00	4.37	107.00	4.20	167.00	6.57	203.20	8.00	253.00	9.96	330.00	13.00	390.00	15.35	450.00	17.71
Height	82.60	3.25	82.60	3.25	87.00	3.40	103.00	4.05	144.00	5.66	179.50	7.06	193.80	7.63	278.00	10.94	278.00	10.94
Width 1	18.00	0.70	20.40	0.80	28.00	1.10	31.80	1.25	41.80	1.64	52.40	2.06	64.00	2.51	82.35	3.24	82.35	3.24
Width 2	18.00	0.70	24.25	0.95	28.00	1.10	38.00	1.49	47.40	1.86	58.00	2.28	70.00	2.75	92.00	3.62	124.00	4.88
Radius	5.80	0.23	5.80	0.23	7.50	0.30	9.30	0.36	11.85	0.46	13.90	0.54	16.80	0.66	23.75	0.94	23.75	0.94

Note : All tool weights include Couplers, Swivels and Internal Oil.

# PXD SERIES FEATURES

## PXD Low Profile - The Perfect Solution for Tight Applications!



▲  
PXD-4 Speedy torquing!

- Clearance **ABOVE** The Nut - No Problem For A PXD!
- Clearance **BEHIND** The Nut - No Problem For A PXD!
- Clearance **BETWEEN** The Nut - No Problem For A PXD!

- Tensioners - Too Big To Fit!
- Multipliers - Too Big To Fit!
- Nut Runners - Too Big To Fit!
- Impact Wrenches - Too Big To Fit!
- Other Hydraulic Wrenches - Too Big To Fit!
- PXD - Perfect Fit!



PXD cylinder and link are the same width. A Powermaster America exclusive that allows a flat contact between the wrench and flange surface. ▶

<p><b>High Strength Body:</b> Cylinder and Link Body are manufactured from high grade, high strength alloy.</p>		<p><b>Multi Tooth Ratchet Assembly:</b> Highest strength teeth ensures 27° torque stroke with greatest accuracy.</p>	
<p><b>Flat Design Cylinder And Link:</b> Equal width of cylinder and link ensures tool sits flat on flange surface. Allows use in most confined areas.</p>		<p><b>Never Lock Drive Segment:</b> Never lock drive segment does not let the wrench lock and thus eliminates the requirement of a ratchet release mechanism.</p>	
<p><b>360 Swivels:</b> Dual 360° Swivel allows free 360° individual movement of duplex hoses across all applications.</p>		<p><b>In-line Reaction Pad:</b> This ensures torsion free reaction during use.</p>	
<p><b>Non-drip Quick Connects Couplers:</b> 4:1 safety ratio couplers. Assure safe operation with ease for engaging and disengaging of hoses.</p>		<p><b>Sliders:</b> Reduce friction and prevent wear on the piston.</p>	
<p><b>Link Pin:</b> One simple pin for cassette link to cylinder engagement without using any additional or special tool.</p>		<p><b>Alignment Pins:</b> Ensure equal load distribution between the 2 side plates.</p>	
<p><b>Drive Plate:</b> Single piece high strength alloy drive plate for maximum life. Allows small nose radius for the tool.</p>		<p><b>Piston Seals:</b> High temperature Polyurethane seals ensure years of maintenance free operation.</p>	