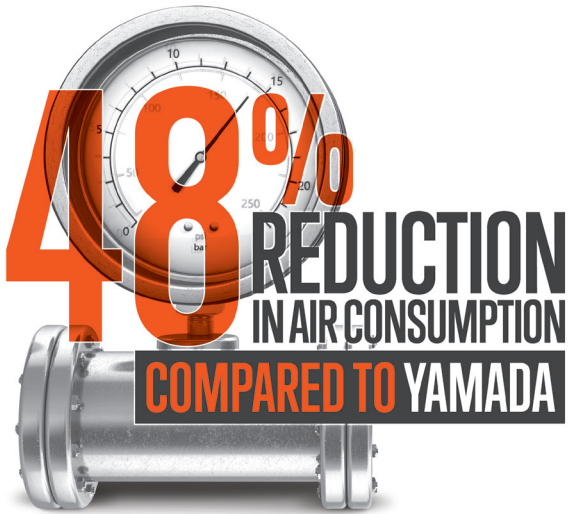


COMPARISON CENTRAL: WILDEN vs. YAMADA

Wilden® Pro-Flo® SHIFT Metal vs. Yamada® NDP Series Metal

You be the judge! There are many AODD pumps out there. So before you buy, review the following head-to-head comparison designed to help you find the best pump suited for your application. **Wilden® Pro-Flo® SHIFT (PS)** bolted pumps outperform Yamada NDP Series pumps across all categories.



NOTE: Information based on published data for the 51 mm (2") Pro-Flo SHIFT bolted metal pump vs Yamada NDP Series metal pump for 530 lpm at 0.69 bar (140 gpm at 10 psig)

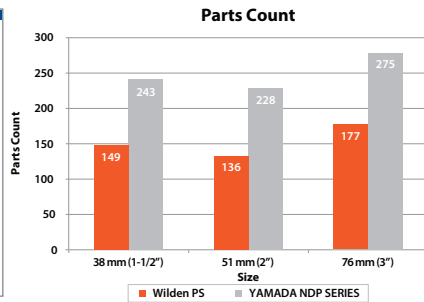
DON'T BELIEVE US? FLIP OVER TO SEE THE DATA!

WILDEN®

COMPARISON CENTRAL: WILDEN vs. YAMADA



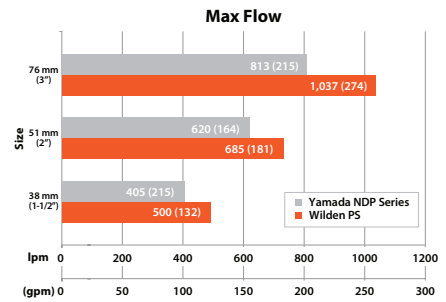
PARTS COUNT



BENEFITS: Wilden PS pumps have fewer parts than Yamada NDP Series pumps, which means that there is a decreased chance of part failure, decreased downtime and increased savings on parts.



MAX FLOW



BENEFITS: Wilden PS pumps have a higher flow rate than Yamada NDP Series pumps! PS pumps can pump more product, increasing plant productivity!

EFFICIENCY (Nm ³ /h/scfm)	WILDEN PS		YAMADA NDP SERIES		% LESS AIR CONSUMED
	DATA POINTS	SIZE: 38 mm (1-1/2")	DATA POINTS	SIZE: 38 mm (1-1/2")	
	265 lpm @ 2.75 bar (70 gpm @ 40 psig)	77/48		136/85	44%
	114 lpm @ 5.52 bar (30 gpm @ 80 psig)	48/30		98/61	51%
	DATA POINTS	SIZE: 51 mm (2")	DATA POINTS	SIZE: 51 mm (2")	
	530 lpm @ 0.69 bar (140 gpm @ 10 psig)	109/68		209/130	48%
	265 lpm @ 2.75 bar (70 gpm @ 40 psig)	64/40		88/55	27%
	DATA POINTS	SIZE: 76 mm (3")	DATA POINTS	SIZE: 76 mm (3")	
530 lpm @ 4.14 bar (140 gpm @ 60 psig)	196/122		222/138	12%	
227 lpm @ 5.52 bar (60 gpm @ 80 psig)	88/55		143/89	38%	

BENEFITS: Wilden PS pumps require less air to power the pump – increasing energy savings and plant productivity!
NOTE: Air supply pressure varies between pumps to meet gpm requirements.

ANNUAL OPERATING COST* (USD)	WILDEN PS		YAMADA NDP SERIES		WILDEN ANNUAL SAVINGS
	DATA POINTS	SIZE: 38 mm (1-1/2")	DATA POINTS	SIZE: 38 mm (1-1/2")	
	265 lpm @ 2.75 bar (70 gpm @ 40 psig)	\$1,410		\$2,496	\$1,086
	114 lpm @ 5.52 bar (30 gpm @ 80 psig)	\$1,010		\$2,054	\$1,044
	DATA POINTS	SIZE: 51 mm (2")	DATA POINTS	SIZE: 51 mm (2")	
	530 lpm @ 0.69 bar (140 gpm @ 10 psig)	\$1,965		\$3,757	\$1,792
	265 lpm @ 2.75 bar (70 gpm @ 40 psig)	\$1,047		\$1,440	\$393
	DATA POINTS	SIZE: 76 mm (3")	DATA POINTS	SIZE: 76 mm (3")	
530 lpm @ 4.14 bar (140 gpm @ 60 psig)	\$4,108		\$4,647	\$539	
227 lpm @ 5.52 bar (60 gpm @ 80 psig)	\$1,830		\$2,961	\$1,131	

*Assumptions: Annual Operating Cost (USD) is calculated assuming that the pumps are operating at 8 hours a day, 5 days a week, totaling to 2,080 hours of operation per year at 10 cents per kilowatt hour. Air supply pressure, per published performance curves, averaged between Wilden and Yamada for cost calculation.

NOTE: All information gathered and represented is published Yamada performance data found in Yamada NDP Series Manuals. Yamada® Pumps is a registered trademark of the Yamada Corporation.

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