COMPARISON CENTRAL: WILDEN vs. SAMOA

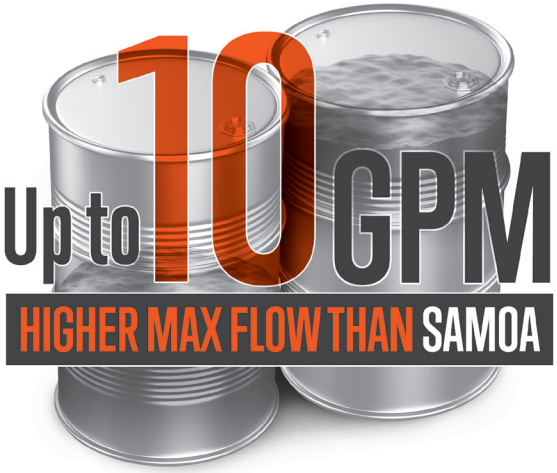
Wilden® Pro-Flo® SHIFT Bolted Metal Series vs. SAMOA Pivot Series

To determine the most efficient, reliable and valuable pump for real-world applications, we conducted a head-to-head evaluation of two prominent options: the **Wilden® Pro-Flo® SHIFT** Bolted Metal Series and the SAMOA Pivot Series. This comparison focuses on key performance indicators, including ease of maintenance, flow capacity, air consumption and potential annual savings.





Up to 35% LESS AIR CONSUMPTION COMPARED TO SAMOA



Up to 10 GPM HIGHER MAX FLOW THAN SAMOA



FEWER PARTS = LESS DOWNTIME

Reduced chance of part failure, more uptime and greater cost savings.

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

WILDEN®

COMPARISON CENTRAL: WILDEN vs. SAMOA

MAX. FLOW



	WILDEN PS		SAMOA	
SIZE	MODEL	MAX. FLOW lpm (gpm)	MODEL	MAX. FLOW lpm (gpm)
51 mm (2")	**PS420/430**	**685 (181)**	UP20	650 (172)
76 mm (3")	**PS1520/1530**	**1037 (274)**	UP30	1000 (264)

BENEFITS: The Wilden Pro-Flo SHIFT Series features a higher flow rate than the SAMOA Pivot Series, allowing for faster transfers, increased efficiency and the ability to handle demanding applications.

EFFICIENCY



	WILDEN PS	SAMOA	% LESS AIR CONSUMED
DATA POINTS	PS820/830 | SIZE: 51 mm (2")	UP20 | SIZE: 51 mm (2")	
140 gpm @ 10 psig	**123 Nm^3/h (74 scfm)**	148 Nm^3/h (92 scfm)	**20%**
70 gpm @ 40 psig	**60 Nm^3/h (38 scfm)**	90 Nm^3/h (50 scfm)	**24%**
DATA POINTS	PS1520/1530 | SIZE: 76 mm (3")	UP30 | SIZE: 76 mm (3")	
220 gpm @ 10 psig	**144 Nm^3/h (105 scfm)**	235 Nm^3/h (135 scfm)	**22%**
90 gpm @ 40 psig	**80 Nm^3/h (50 scfm)**	123 Nm^3/h (77 scfm)	**35%**

BENEFITS: The Wilden Pro-Flo SHIFT Series requires less air than the SAMOA Pivot Series, reducing the amount of compressed air needed to move fluid and thereby lowering operating costs, minimizing energy waste and extending pump life.

ANNUAL OPERATING COST* (USD)



	WILDEN PS	SAMOA	WILDEN ANNUAL SAVINGS
DATA POINTS	PS820/830 | SIZE: 51 mm (2")	UP20 | SIZE: 51 mm (2")	
140 gpm @ 10 psig	**$3,591**	$4,464	**$873**
70 gpm @ 40 psig	**$1,844**	$2,426	**$582**
DATA POINTS	PS1520/1530 | SIZE: 76 mm (3")	UP30 | SIZE: 76 mm (3")	
220 gpm @ 10 psig	**$5,095**	$6,551	**$1,456**
90 gpm @ 40 psig	**$2,426**	$3,736	**$1,310**

**Assumptions: Operating at 8 hours a day, 5 days a week, totaling 2,080 hours of operation per year at 14 cents per kilowatt hour.*

NOTE: All information gathered and presented is published SOMAO performance data found in SOMOA Manuals collected 09-2026. Pivot is a patented technology of SAMOA. SAMOA is a registered trademark of Samoa Industrial.

WIL-19232-F-02

Copyright 2026 PSG®, a Dover company

Authorized PSG® Partner:

Where Innovation Flows

PSG
22069 Van Buren Street
Grand Terrace, CA 92313-5651 USA
P: +1 (909) 422-1730 • F: +1 (909) 783-3440
wildenpump.com

PSG® reserves the right to modify the information and illustrations contained in this document without prior notice. This is a non-contractual document. 10-2026