

Yamada SOLID PRO[®]

Designed to Pump Fluids Containing Solids

The Yamada[®] SolidPRO[®] pump is designed to pump fluids containing solids up to 2 inches (50mm) in diameter. Built on the foundation of the NDP Series line of pumps, the SolidPRO incorporates the Yamada patented stall-free/lube-free air valve and rugged, easy-to-service bolted construction.

Designed for durability in the field, the SolidPRO pump's innovative flap-type check valve technology provides streaming passage of solids while minimizing clogging and downtime. Four external bolts release valve covers on either side permitting service and maintenance without removing the pump from service.

Design Specifications

Nominal Diameter:	2 inch (50 mm)
Fluid Connections:	NPT 2" or ANSI flange 150# 2"
Air Connection:	NPT 3/4" / NPT 1"
Normal Air Supply Pressure:	30 -100 PSI (0.2 -0.7 MPa)
Maximum Discharge Pressure:	100 PSI (0.7 MPa)
Discharge Volume per Cycle:	0.79 GPM (3.0 L/min)
Slurry Limitation:	maximum 2" solids
Maximum Operating Noise:	94dB
Weight:	110 lbs (50 kg)

Xtreme Duty Pro[™] XDP *For xtremely demanding process applications*

The Yamada[®] Xtreme Duty Pro[™] is designed for use in process type applications including filter press, high pressure, extended deadheading, long runs of discharge pipe, and where air consumption is critical.

Available in 1-1/2", 2" and 3" port sizes, these pumps are built on the liquid platform of a standard NDP Series pump, but with a **mechanically-actuated air motor**.

Air power is conserved by actuating the air valve using a mechanical linkage instead of relying on air pressure. Air power is reduced versus a standard air-actuated valve, providing higher pump efficiency.

Xtreme Duty Pro pumps are capable of running on air pressure equivalents as high as 125 PSI or as low as 5 PSI and provide the same liquid side performance as the NDP series pumps.



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Four bolts release valve cover for service

