

STUB PUMPS



Avanti is a distributor of pumps and flow meters from Macnaught. Below are standard options we offer, however additional pump models and customization options are available from the manufacturers. Visit our website at avantigrout.com or call us at 800.877.2570 information on additional pumps or pump options.

The 'R' Series range of pumps have been designed and manufactured using a strong metal construction, providing maximum performance and long service life. All the 'R' Series pumps are supplied complete with an inline air lubricator to help prevent premature wear.

R1000S-02 Air Operated Stub Pump, Series 10:1



	R1000S-02
Pump ratio	10:1 ratio
Airline lubricator	✓
Pressure relief valve	X
2" bung adapter	✓
Fully serviceable	✓
Min-Max air pressure	60/150 psi (400-1030kPa)
Air inlet	1/4" NPT(F)
Pump outlet	3/4" NPT (F)
Pump inlet	1" BSP(F) / 1" NPT (F)
Min air compressor	0.5m³/min (18cfm)

R500T-02 Air Operated Stub Pump, Series 5:1



	R500T-02
Pump ratio	5:1 ratio
Airline lubricator	✓
Pressure relief valve	✓
2" bung adapter	✓
Fully serviceable	✓
Min-Max air pressure	60/150 psi (400-1030kPa)
Air inlet	1/4" NPT(F)
Pump outlet	3/4" NPT (F)
Pump inlet	Suction Tube
Min air compressor	0.3m³/min (10cfm)

FLOW METERS



Macnaught's 'MX' series Flow Meter utilizes the oval gear principle, offering outstanding repeatability and high accuracy across a wide range of fluid viscosities and flow rates. Designed for efficiency, it features a low pressure drop and a high-pressure rating, making it ideal for both gravity-fed and in-line pump systems. In grouting applications, flow meters are essential for precisely monitoring and controlling the flow of polyurethane grouts, ensuring consistent delivery, minimizing material waste, and enhancing the quality and reliability of injection operations.

MX12P-2SD-1/2"



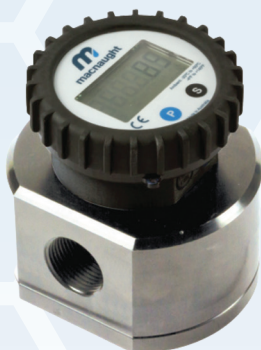
Meter Body	Stainless Steel (316)	Operating Temperature Range*	-40 -176°F (302°F with high temp. rotors) -40 - 80°C (150°C with high temp. rotors)
Rotor	PPS Stainless Steel (316)	Max. Operating Pressure	2000 psi 138 Bar
Seals	PTFE encapsulated (FEP)	Accuracy	+/- 0.5%
Process Connections	Threaded 1/2" G 1/2" NPT	Repeatability	+/- 0.03%
Flow Rate: <5cP and >5cP	<5cP 0.6-6.6 GPM 3-25 L/min >5cP 0.5-8 GPM 2-30 L/min	Nominal K-Factor	423.97 Pulses/Gallon

MX19P-2SD-3/4"



Meter Body	Stainless Steel (316)	Operating Temperature Range*	-40 -176°F (302°F with high temp. rotors) -40 - 80°C (150°C with high temp. rotors)
Rotor	PPS Stainless Steel (316)	Max. Operating Pressure	2000 psi 138 Bar
Seals	PTFE encapsulated (FEP)	Accuracy	+/- 0.5%
Process Connections	Threaded 3/4" G 3/4" NPT	Repeatability	+/- 0.03%
Flow Rate: <5cP and >5cP	<5cP 2-18.5 GPM 8-70 L/min >5cP 0.8-21 GPM 3-80 L/min	Nominal K-Factor	196.84 Pulses/Gallon

MX25P-2SD-1"



Meter Body	Stainless Steel (316)	Operating Temperature Range*	-40 -176°F (302°F with high temp. rotors) -40 - 80°C (150°C with high temp. rotors)
Rotor	PPS	Max. Operating Pressure	2000 psi 138 Bar
Seals	FEP Encapsulated	Accuracy	+/- 0.5%
Process Connections	Threaded 1" NPT	Repeatability	+/- 0.03%
Flow Rate: <5cP and >5cP	<5cP 2.64-26.42 GPM 10-100 L/min >5cP 1.59-31.70 GPM 6-120 L/min	Nominal K-Factor	136.31 Pulses/Gallon

*Temperature based on standard pulse output - subject to change dependent on rotor and output type, contact Macnaught technical support for further investigations.