

FlowMaster™ Hydraulic Pump

Rotary-Driven, Powerful and Versatile



FlowMaster: A high-performance pump that works in the severest conditions. Built in Flexibility allows a wide range of applications

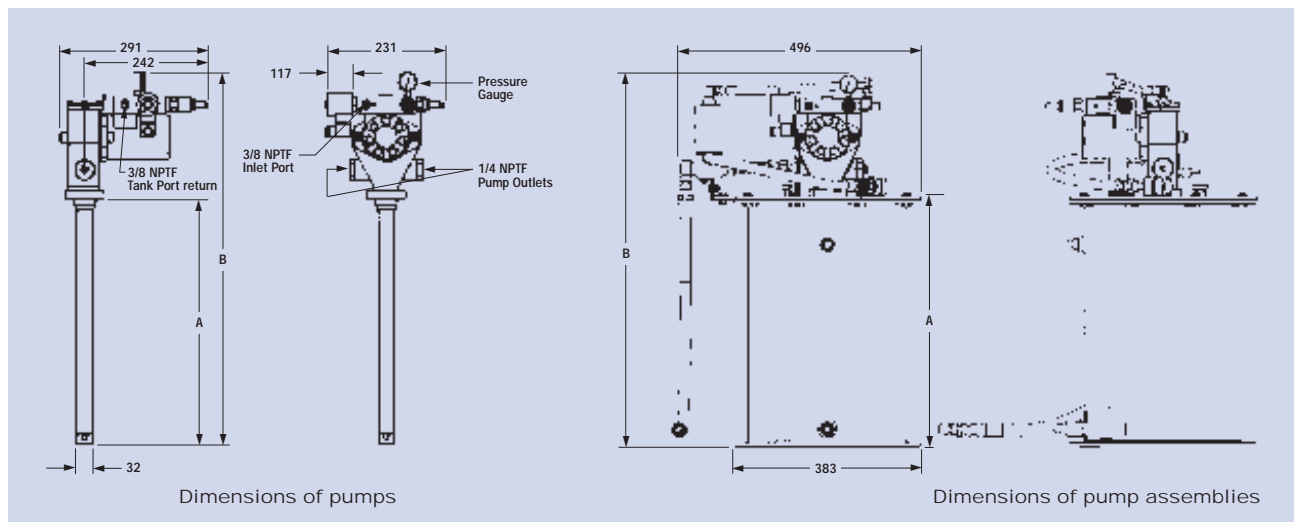
A New Generation of Lubrication Pumps

The compact FlowMaster is versatile because its unique rotary drive and control manifold let users adjust the pump to fit their applications exactly. Extreme temperatures won't stop the pump. It has passed rigorous test in both arctic and desert conditions.

The pump works well with high-viscosity grease (NLGI 2 and above) at low temperatures because it's pump tube has a special pre-charge chamber and a reciprocating cylinder designed to allow better priming. An inlet ball check reciprocates with the pump

cylinder allowing better grease flow to the pump chamber.

The FlowMaster's impressive output range make it ideal for small mobile equipment with low lubricant requirements to machinery with the highest lubricant demands.



Pump Performance and Specifications

Supply inlet hydr. pressure, max.	200 bar
Operating inlet hydr. pressure	20 to 32 bar
Hydraulic inlet flow	Up to 28 l/min
Pump ratio with manifold	9:1 at low inlet pressure (20 to 25 bar) and low inlet flow (below 7 lpm) pump ratio approaches 11:1 ratio at higher inlet pressure and flow
Operating temperature	-10° to +65°C
Operating voltage (electric switch)	24 VDC
Output	115 - 735 cm ³ /min.
Max. hydraulic fluid temp.	55°C
Weight of Pump only	16 kg

Available Models

Model	Description	Dimension A (mm)	Dimension B (mm)
85487	60 lb. pump assembly for Centro-Matic Systems	505	743
86258	60 lb. pump assembly with low level and follower plate for Centro-Matic Systems	505	743
85491	60 lb. drum pump assembly with low level and follower plate for Progressive Systems	505	743
85482	Pump for 400 lb. drum (55 gallon/200 l)	864	1113
85480	Pump for 120 lb. drum (18 gallon)	699	948
85481	Pump for 60 lb. canister (8 gallon)	483	732
85483	Pump for 35 lb. pail (5 gallon)	348	597
252725	Follower plate for 35 lb. unit	—	—
85489	Follower plate for 60 lb. unit	—	—