

QMID Single Stage Pump

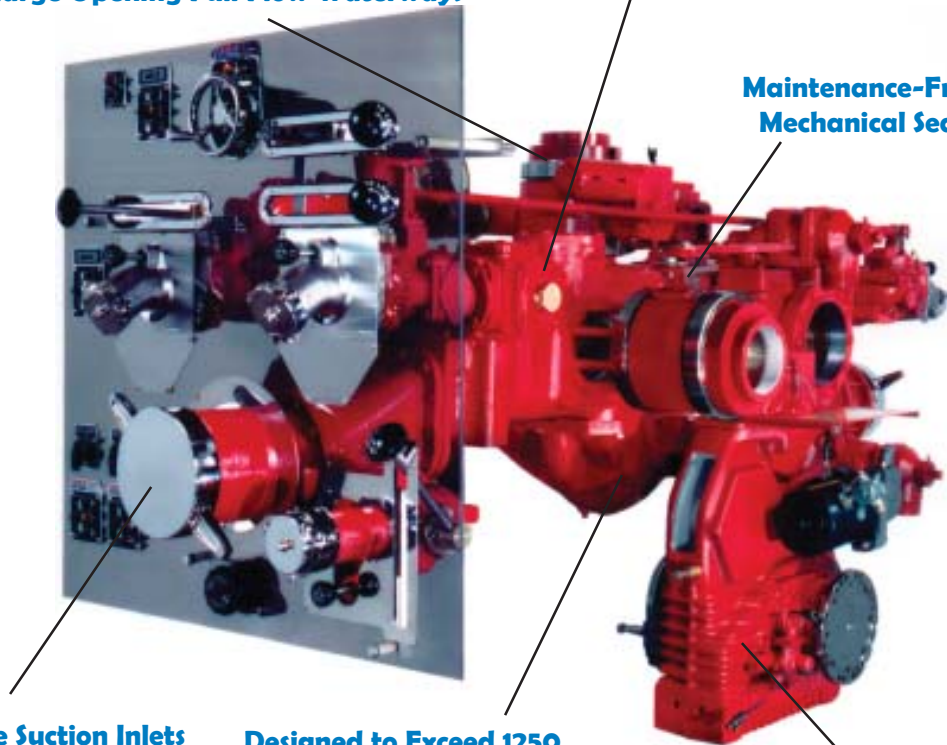
1000 - 1250 GPM (3785 - 5000 LPM)



10 Standard and 3 Optional Full Flow Discharge Opening Full Flow Waterways

One Piece Pump Body

Maintenance-Free Mechanical Seal



Large Suction Inlets

Designed to Exceed 1250 GPM NFPA (5000 LPM)

Heavy Duty Gearbox

MIDSHIP PUMPS

The Single-Stage Technology Leader

Hale's amazing QMID single stage midship generates flows up to 1250 GPM (Canadian rating up to 5000 LPM). The innovative one-piece body allows easier access to the impeller and mechanical seal, minimizes piping requirements and makes routine maintenance easier.

Hale's Qmid delivers the features firefighters demand

Hydrodynamic waterways. Large suction inlets and built-in pumping reserve. The Qmid puts the features firefighters need in a design that is ahead of its time.

Features and Benefits

Oversized relief valve — Offers greater bypass with less restriction and less pressure rise.

Full flow waterways — Cuts friction losses and delivers maximum pressure at discharge valve.

Large suction inlet — Delivers pump capacities beyond NFPA 1901 standard ratings.

Single tank to pump connection — Designed to provide flows up to 700 GPM with a 3-inch valve and 1000 GPM with a 4-inch valve. (Optional dual tank to pump connection available).

Ten standard and two additional optional 3-inch discharge ports — Each designed to be capable of flow capacities in excess of 1500 GPM with low pressure drop.

Bulletin #980, Rev 1, 3/04 • Copyright 2004 Hale Products Inc.
Note: Hale Products Inc. cannot assume responsibility for product failure resulting from improper maintenance or operation. Hale is responsible only to the limits stated in the product warranty. Product specifications contained in this material are subject to change without notice.



QMID Single Stage Pump

1000 - 1250 GPM (3785 - 5000 LPM)



MIDSHIP PUMPS

One standard and three additional optional 4-inch discharge ports — Each designed to be capable of flow capacities in excess of 2400 GPM with low pressure drop.

Designed to exceed 1250 GPM NFPA rating and to exceed 2500 GPM from a sufficient positive pressure water source and an appropriate engine.

Low Maintenance Design:

Close supported impeller— Pump shaft is supported close to the impeller to minimize shaft deflection. Decreased shaft deflection reduces wear on shaft, impeller, clearance rings and bearings and eliminates need for two pump packings.

One-piece upper pump body — Minimizes potential piping leaks and makes maintenance and servicing easier.

Heavy Duty Gearbox — Designed for engine/transmission pump match flexibility with a hardened chrome nickel steel precision ground gears. Shorter than other gearboxes by 30%, Hale's gearbox allows for a decreased wheelbase and improves driveline angles. Gearbox is available in several ratios that are compatible with the most popular engine/transmissions to ensure maximum performance. It has a 16,000 pound-foot drive through torque rating with the strength you expect from Hale.

Maximize QMID pump performance with these exclusive Hale options

Torrent SVS Stainless Steel Valves — The only valve line built for the fire service with a stainless steel ball for better resistance to pits and scratches. Torrent stainless steel balls require less maintenance, are designed to exceed NFPA requirements.

SPV Primer — Push button activated priming valve

TPM Total Pressure Master Relief Valve — Protects your pump from overheating. Monitors and responds to pressure variations on both the inlet and discharge sides of the pump.

MIV Master Intake Valve — For installation on either, or both, midship pump intakes, the MIV is located behind the operator panel eliminating unsightly, bulky valves hanging outside the running boards.

ESP Oil-Less Primer — Environmentally safe oil-less priming system which does not require lubrication.

TRV/TRV 120L Thermal Relief Valve — Helps protect your pump by automatically monitoring pump water temperature. Automatically relieves water from pump when temperature of the pump water exceeds temperature setting of the valve.

Anode System — Helps prevent damage from galvanic corrosion within the pump.

NFPA STANDARD RATINGS

QMID 100	1000 GPM @ 150 PSI 3785 LPM @ 10.3 BAR
QMID 125	1250 GPM @ 150 PSI 4732 LPM @ 10.3 BAR

5000 LPM @ 10 BAR (Canadian Rating)

