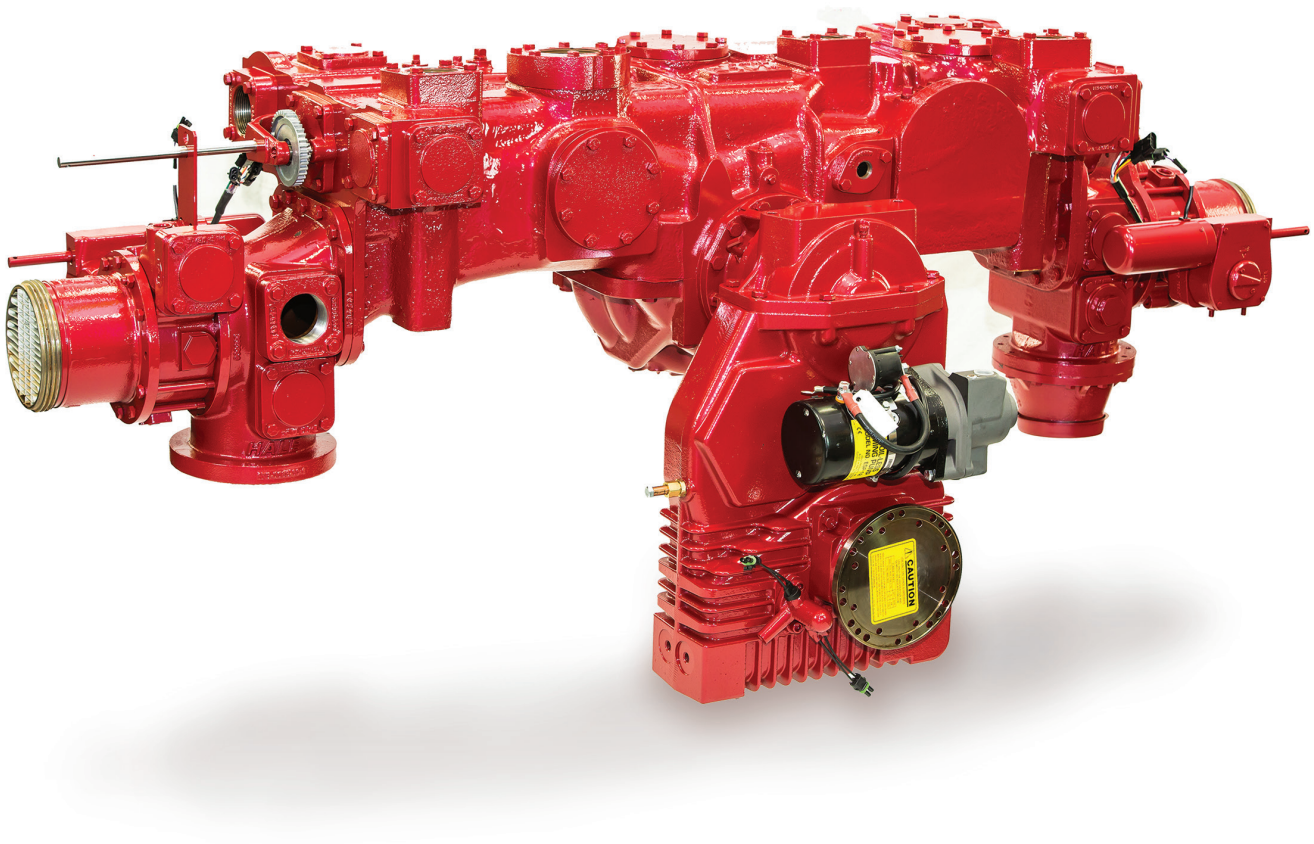
Qtwo

Two-Stage Mid-Ship Pump

Superior Performance. Reliability. Innovation.

Hale's Qtwo pump's ability for high water delivery to knock down large fires, high pressure water delivery for hi-rise applications, proven reliability based on the impressive Qmax pump, and multi-port innovative body design gives your department all that it is looking for in a two stage pump.



Superior Performance

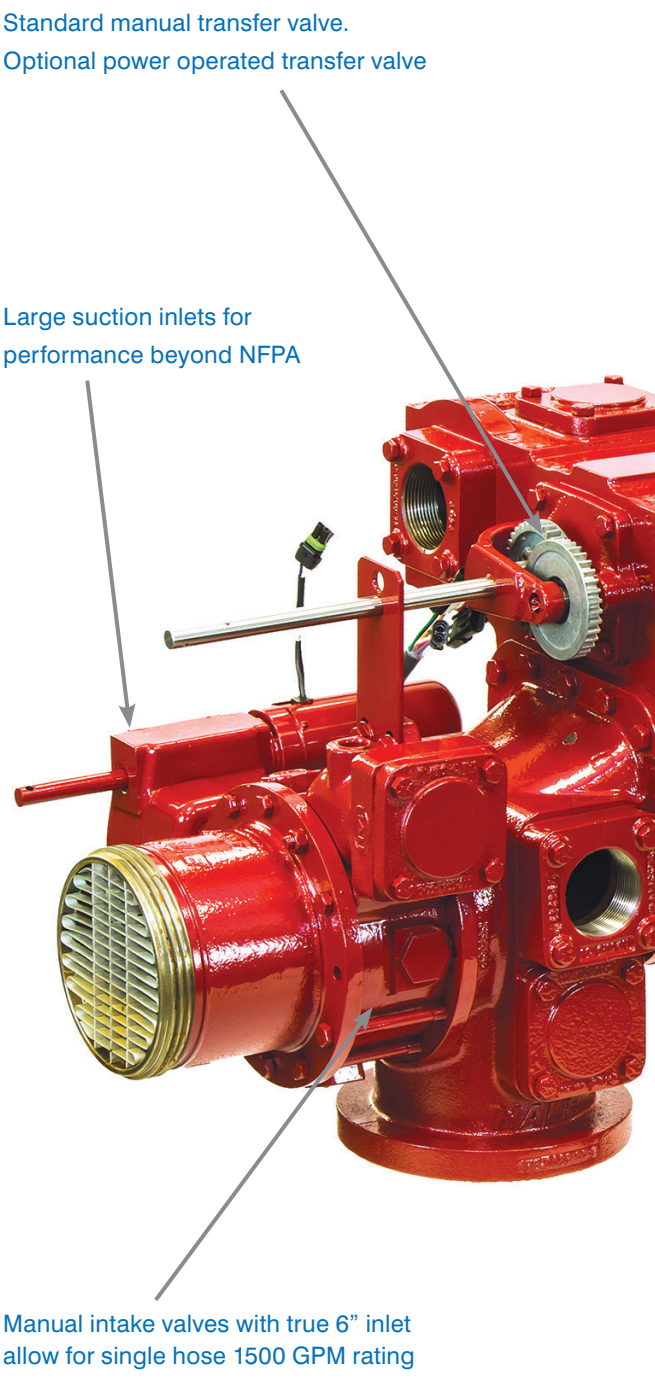
- The Hale Qtwo two-stage midship pump generates NFPA 1901 rated flows up to 2,000 GPM. It has been designed to go beyond the NFPA rating of 2,000 and exceeds 350 GPM at 600 PSI from a sufficient positive pressure water source along with an appropriate engine for excellent hi-rise performance.
- The large suction inlets and full-flow waterways cut friction loss and deliver maximum pressure at discharge valves.
- The standard thirteen, three-inch discharge ports are each designed to flow in excess of 1,500 GPM with low pressure drop.
- The 3-inch tank-to-pump connection is designed to provide flows up to 600 GPM, and a 4-inch valve will flow 1,100 GPM.
- Right and left side, large 6” diameter suction inlets deliver pump capacities beyond NFPA 1901 standard ratings. Offers lifts greater than 25 feet at 750 GPM.

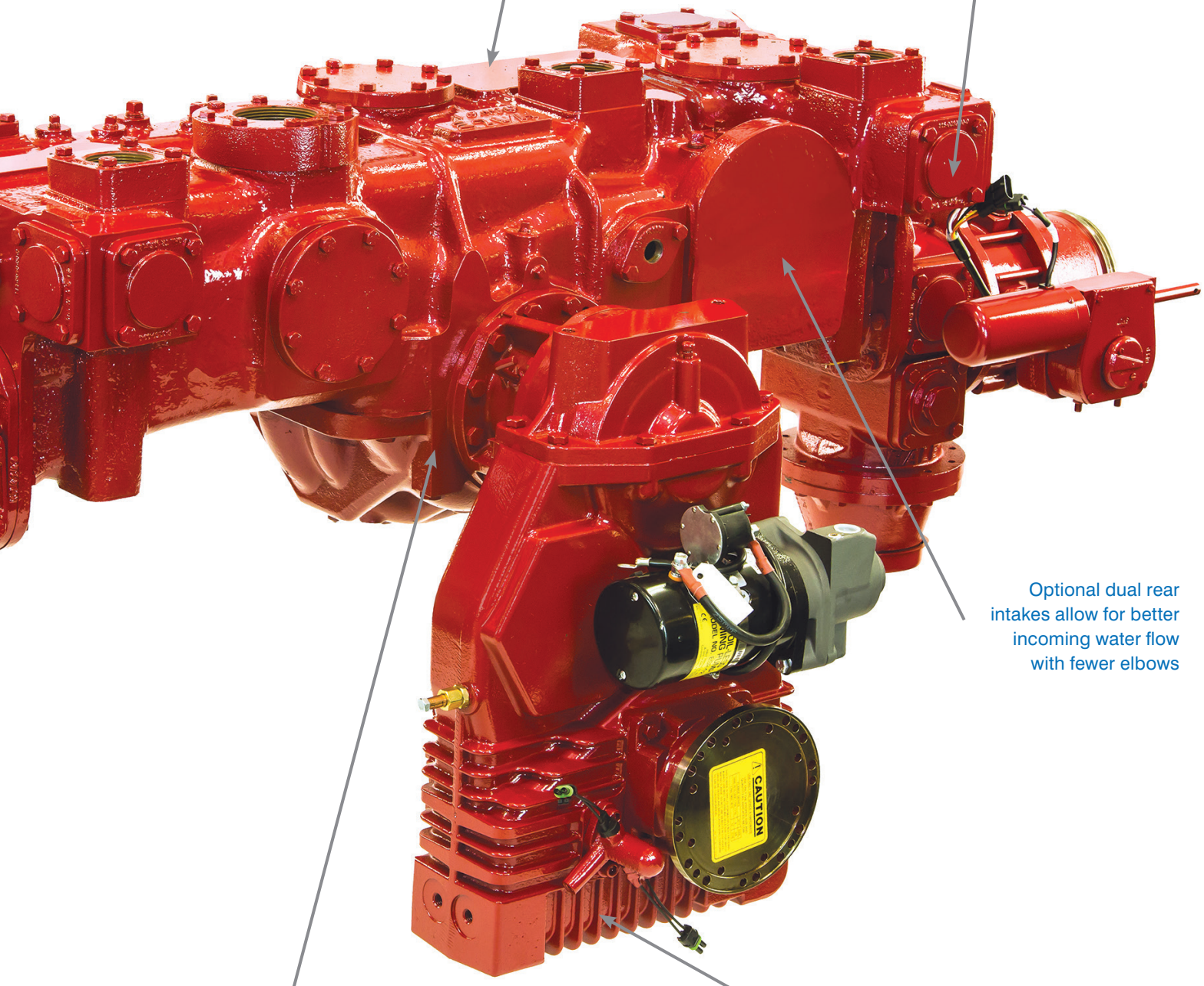
Reliability

- A one-piece upper pump body minimizes potential piping leaks, making maintenance and service easy.
- The Qtwo’s hydraulics are based on the time-tested and field-proven Qmax pump, the bestselling single-stage pump in North America.
- Bronze waterway transfer valve offers consistent shifting from volume to pressure mode. Valve is located on the top of the pump to allow proper flushing of the valve.
- The pump shaft is supported close to the impeller to minimize shaft deflection. Decreased shaft deflection reduces wear on the shaft, impeller, clearance rings and bearings.
- The Auto-Lube is an impeller shaft sleeve bearing system that automatically lubricates itself with oil plus seals out dirt and water. This puts the safest most rugged type of “extended life” bearing right in the center of the pump, next to the impeller, where it provides maximum benefit.

Innovation

- The Hale Qtwo pump’s innovative one-piece compact body profile design minimizes piping requirements and leaves more room for storage compartment space on your apparatus.
- Even with the Qtwo pump’s ability to deliver high pressure the ability of big water muscle is not compromised.





Single-piece body minimizes chances of leaks while maximizing water flow

13 standard 3” ports minimize plumbing requirements while flowing in excess of 1500 GPM

Optional dual rear intakes allow for better incoming water flow with fewer elbows

Gearboxes built for high horsepower engines, capable of withstanding 18,500 ft.lbs. of torque

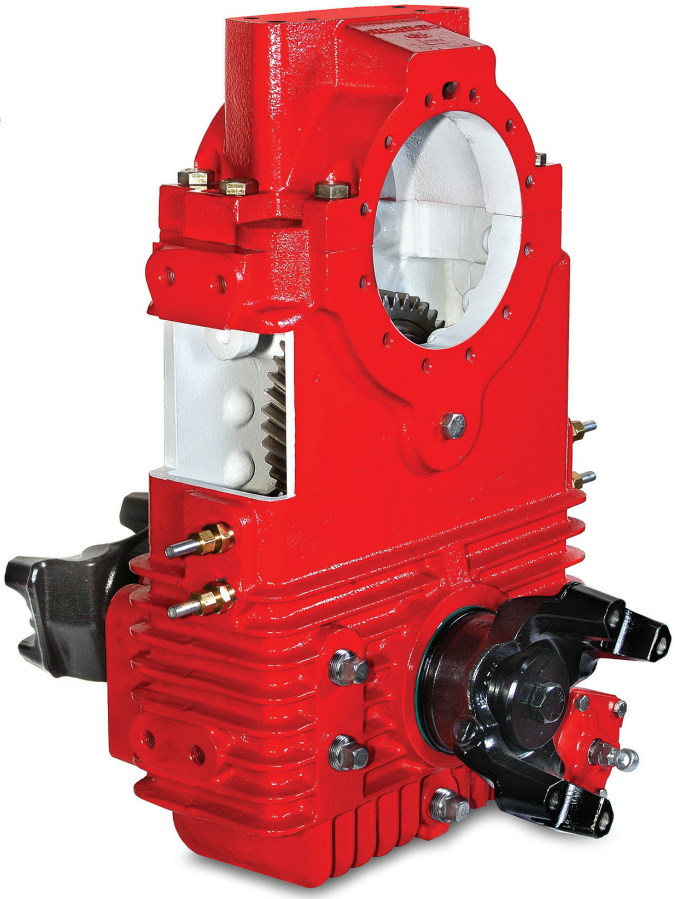
Horizontally split body makes maintenance easy and allows for pump work to be done without disturbing plumbing

Qtwo NFPA-Rated Performance		
Qtwo 100	1000 GPM @ 150 PSI	3785 LPM @ 10.3 BAR
Qtwo 125	1250 GPM @ 150 PSI	4732 LPM @ 10.3 BAR
Qtwo 150	1500 GPM @ 150 PSI	5678 LPM @ 10.3 BAR
Qtwo 175	1750 GPM @ 150 PSI	6624 LPM @ 10.3 BAR
Qtwo 200	2000 GPM @ 150 PSI	7570 LPM @ 10.3 BAR
High Pressure	200 GPM @ 500 PSI	757 LPM @ 34.5 BAR
	60 GPM @ 600 PSI	227 LPM @ 41.4 BAR

Heavy Duty Gear Box Options

The Hale G-Style Gearbox with hardened chrome nickel steel precision ground gears is standard. It includes dual switch indicators for lights and safety interlocks. It is available in several ratios that are compatible with the most popular engine and transmission combinations to ensure maximum performance, and features a 16,000 ft.lb. drive-through torque rating.

The Hale K-Style Gearbox, capable of 18,500 ft.lb. drive-through torque, is designed and built for high mileage and power requirements. The K Gearbox is ideal for refineries, petro-chemical facilities and large cities with big drive-through torque requirements and apparatus with engines up to 550 HP.



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