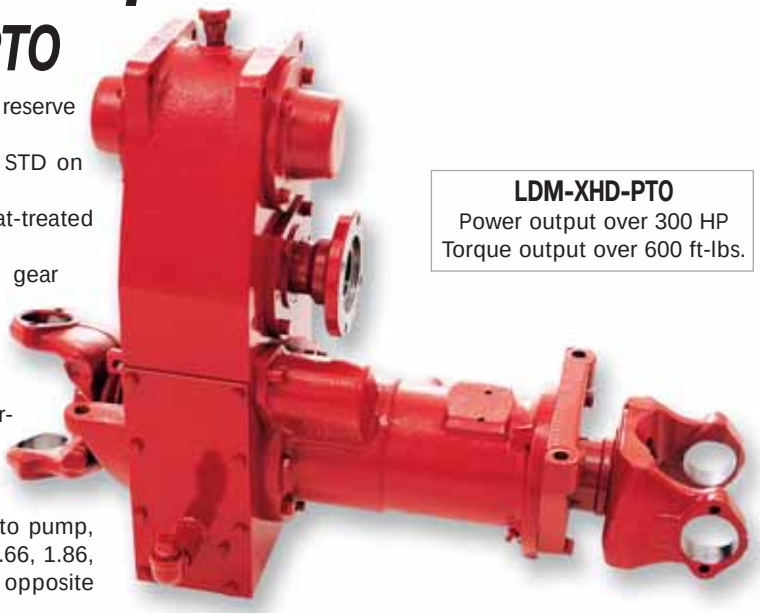
Pumps

Split-Shaft LDM-XHD-PTO

Transmission Casing: Alloy cast-iron with adequate oil reserve capacity helps ensure low operating temperature.
Drive Shafts: Precision-ground heat-treated alloy steel STD on XHD.
Gears: 2 5/8" XHD face helical. Precision-cut from heat-treated alloy steel for quite operation and long life.
Gear Shift: A heat treated alloy steel splined spur gear engages either pump drive gear or truck drive shaft gear. A two position positive-lock manual selection lever in cab is standard. Air powered shift control is optional.
Bearings: Deep groove radial type ball bearings, over-sized for long life. Bearings are protected at openings from road dirt and water splash with oil seals and water slinger.
Pump Gear Ratios: For optimum matching of engine to pump, the following step up ratios are available: 1.34, 1.49, 1.66, 1.86, 2.12, 2.44, 2.66 also 1 to 1. Available with engine or opposite engine rotation.



LDM-XHD-PTO
Power output over 300 HP
Torque output over 600 ft-lbs.

Hydraulically Driven Pumps

The pumps have been adapted to the following standard hydraulic motor mounts:

1 1/2 AGH - SAE "B" flange, 13T 16/32 involute spline shaft

HH100 - SAE "B" flange, 14T 12/24 involute spline shaft

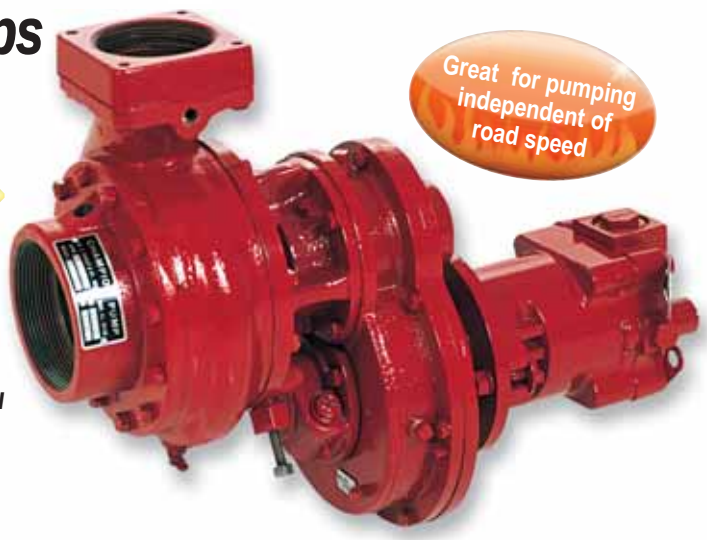
HH250/350/500 - SAE "C" flange, 14T 12/24 involute spline shaft

JMH500 - SAE "C" flange, 14T 12/24 involute spline shaft

LSH1000 - SAE "C" flange, 14T 12/24 involute spline shaft

Now available up to 1000 GPM

Great for pumping independent of road speed



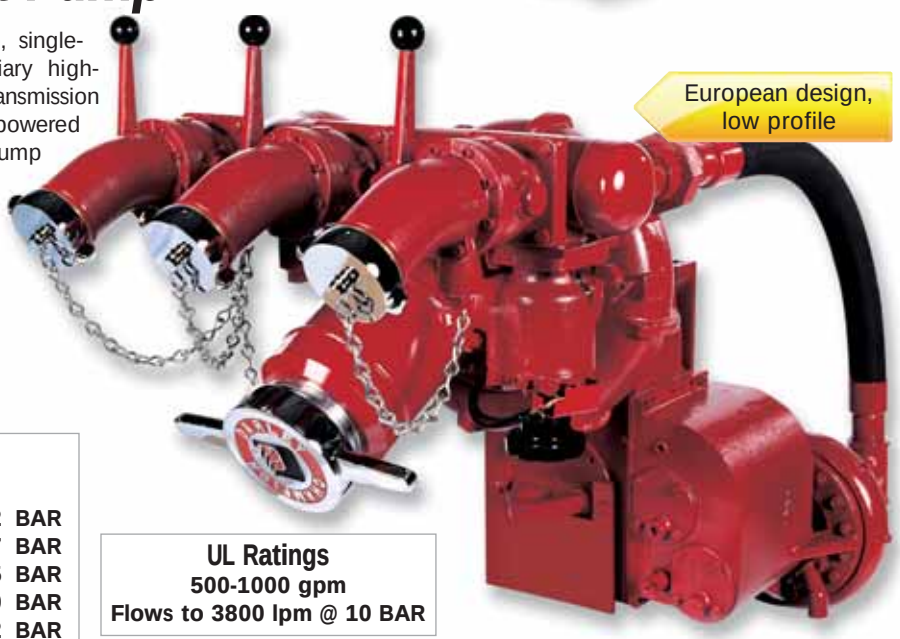
Shown with Optional Hydraulic Motor

KSRH Rear-Mount Pump

The KSRH is a high-speed, single-stage, single-suction centrifugal pump with an auxiliary high-pressure 2nd stage driven by the main transmission gear set. The pump is rear-mounted and powered through a transmission driven PTO. The pump assembly can simultaneously provide high flows at moderate pressures and low flow at high pressure for booster line use.

- Simultaneous high-volume, high-pressure performance
- Selective 2nd stage
- Eliminates need for truck-mounted speed increaser

European design, low profile



Simultaneous Performance
(1st Stage & 2nd Stage)

3030 lpm	@ 10 BAR	/	760 lpm	@ 22	BAR
3400 lpm	@ 10 BAR	/	380 lpm	@ 27	BAR
1140 lpm	@ 17 BAR	/	760 lpm	@ 35	BAR
1500 lpm	@ 17 BAR	/	380 lpm	@ 39	BAR
380 lpm	@ 21 BAR	/	760 lpm	@ 42	BAR
760 lpm	@ 21 BAR	/	380 lpm	@ 46	BAR

UL Ratings
500-1000 gpm
Flows to 3800 lpm @ 10 BAR

Performance based on Allison MD 3060P Transmission