

# Crisafulli Diesel-On-Frame Long Hitch L-Series Trailer Pumps™



**Above, SRS Crisafulli Diesel-On-Frame Trailer Pump, a self-sufficient trailer with its own power source i.e., independently of the PTO on a tractor.**

**Performance capabilities.** If power is not available at your work site, Crisafulli's Diesel-On-Frame ("DOF") Trailer Pumps provide efficient pumping power.

High Lift 6" L-Series DOFs pumping clear water produce 2100 GPM @ 30' of Total Dynamic Head (TDH).

High Lift 8" L-Series DOFs pumping clear water produce 3150 GPM @ 30' of TDH.

High Lift 12" L-Series DOFs pumping clear water produce 6000 GPM @ 25' of TDH.

Regular Lift 16" L-Series DOFs pumping clear water produce 8600 GPM @ 15' of TDH.

High Lift 16" L-Series DOFs pumping clear water produce 8600 GPM @ 30' of TDH.

The pumps can pass 2 1/4", 2 1/2", 4 1/4", and 5 1/2" solids for the 6", 8", 12", and 16" pumps respectively.

**Description.** Standard models of SRS Crisafulli's Diesel-On-Frame ("DOF") Trailer Pumps are available with diesel engines in horsepower's ranging from 55-170, for use on 6" to 16" discharge trailer mounted pumps. All engines are Deutz air cooled models. Power units include a new diesel engine complete with exhaust piping, rain cap, starting battery, emergency shutdown system and 10 hour fuel reservoir. Engines are mounted on a heavy-duty frame adapter. An inline speed reduction box with safety guards reduces engine speed to pump speed of 540 RPM (nominal). Other reduction ratios are available as engine horsepower allows. Shaft size for the 6" model is 1 -1/2 inches. Shaft sizes on other models shown below are 2". Five standard models shown below provide customers with BEST VALUE (most performance for the cost). Other combinations of motors and impellers are available for custom orders.

*NOTE: The DOF trailer pumps are not DOT approved for travel on public roads.*

Pump Size Inches	Flow - GPM	TDH - Feet	Description	SRSC Part Number	Est. weight - pounds
16	8600	30	Regular Lift 89 HP Engine 540 RPM pump	DOF16RI-89	5,800
16	8600	15	High Lift 160 HP Engine 540 RPM pump	DOF16HI-160	6,200
12	6000	25	High Lift 134 HP Engine 540 RPM pump	DOF12HI-134	5,800
8	3150	30	High Lift 68 HP Engine 540 RPM pump	DOF082HI-68	5,400
6	2100	30	High Lift 50 HP Engine 540 RPM pump	DOF06HI-50	4,800

## Standard Options

### Description, Purpose, Benefits

### SRSC Part Number

(WL) Water lube bearings for the last two submerged bearings; use only in applications where water is relatively clear of grit.

DOF-WL

(BB) Bearing buddies - Prevent water intrusion in wheel bearings of trailer

DOF-BB

(SD) Flanged Swivel Discharge - Enables the operator to orient the discharge tubing in whatever direction is convenient.

DOF-SD

(QC) Quick Coupler Discharge - An alternative method of attaching flexible discharge tubing

DOF-QC

(F) 1/2 inch Flange discharge - An alternative method of attaching flexible tubing

DOF-F

(SV) Snifter valve - Prevents vacuum in discharge tubing to avoid collapse.

DOF-SV