

Bulk Trailer Wet Kit 20 gpm and 3000 psi



Suitable for most Belt, Chain, Tender, Tanker, Implement and Shuffle
-Floor applications.

We have other kits available with higher flow and pressure.

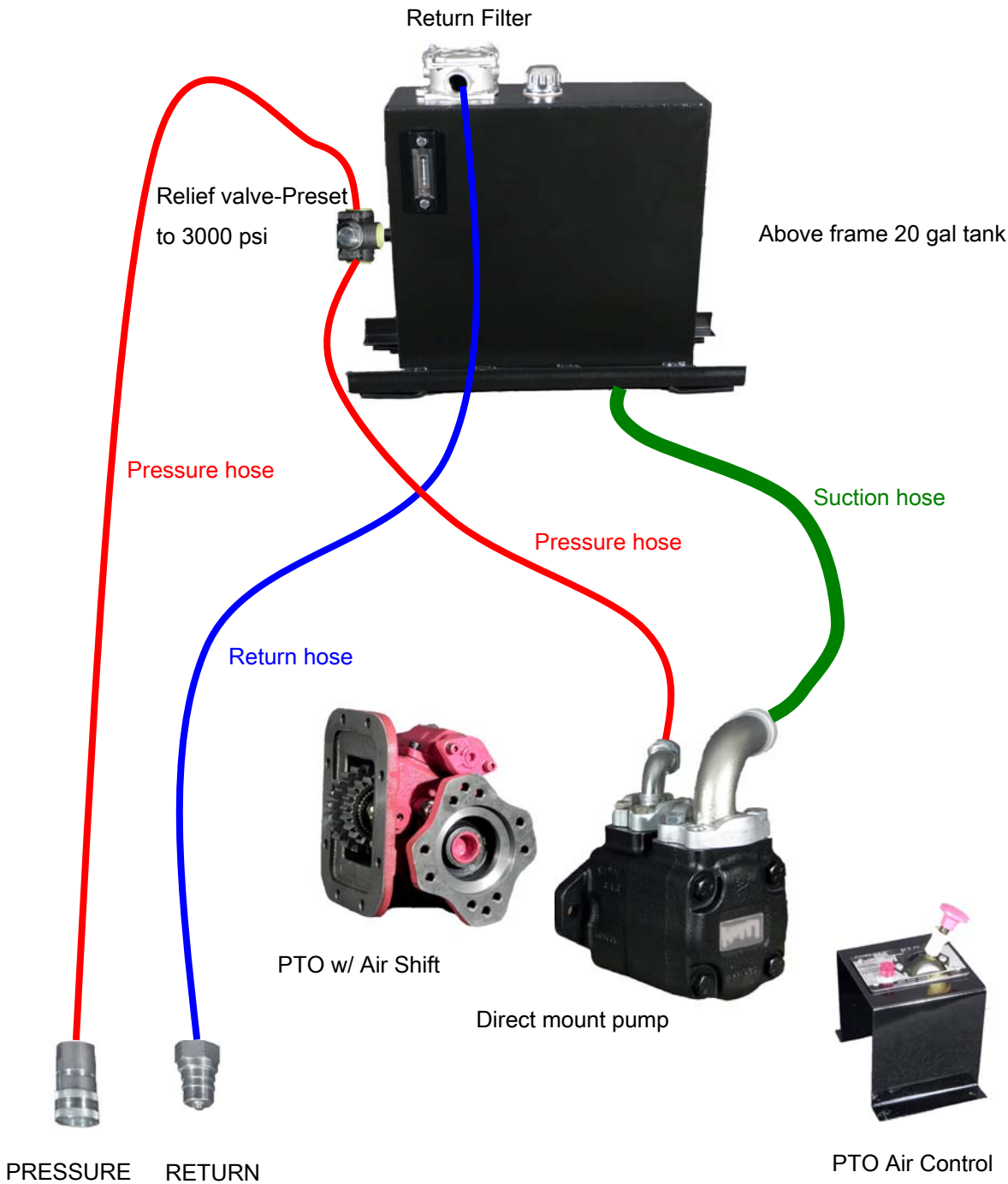
Fluidpro[®]
FLUID POWER EQUIPMENT

Division of

KANAMAK HYDRAULICS INC.

BULK TRAILER WET KIT

3000 Psi Relief



WET LINE KIT-BASIC BULK TRAILER SPECIFICATIONS:

Pressure:	3000 Psi Max
Flow:	20 gpm @ 1000 engine rpm
Reservoir:	20 gallon useable Clamp-On Installation Accepts drop-in filter. Change filter without losing oil, or shutting valves Filter opening doubles as future clean-out Provides anchor for pressure and return hoses Heavy gauge welded construction with baffle to eliminate hot spots Liquid level sight gauge with temperature Filler/breather with screen
Filter:	10 Micron, tank mount
Pump:	Balanced Vane pump, 3000 psi rated
PTO:	Air shift, 8 bolt mount for bottom hole on Eaton/Fuller transmission Direct mount for pump. (No drive-line)
Air Control:	PTO control mounts on pedestal in cab
Relief Valve:	Preset at 3000 psi to protect pump and your warranty
Hoses:	1 1/2" x 9ft suction hose with spiral wire to prevent collapse. 2ea 3/4" x 9ft pressure, rated at 3000 psi 3/4" x 9ft return hose
Quick Couplers:	3/4" One male & one female
Kit	Basic fittings kit with adapters and hose clamps

OPTIONS:

Tailgate controls, electric or pneumatic
3500 psi pumps for high-pressure applications
Hot-shift PTO's for automatic transmissions or shift on-the-go
Side mount reservoirs with hose and filter kit
Aluminum reservoirs with hose and filter kit
Double pumps
Bulkhead kit with Pogo Stick for hose anchor
Our Engineering dept will be glad to custom design for your needs

RECOMMENDATIONS:

Use AW46 Hydraulic Oil or equivalent with rust and oxidation inhibitors and anti-wear additives.
Shim PTO on installation to recommended backlash. See manual
Plumb suction out of opposite end of tank from filter



A WORD ABOUT WET KITS:

There are two major issues that define which wet-kit you need.

1. The pressure.
2. The reservoir size.

Most end-dumps with telescoping, single acting (power up, gravity down) cylinders, are only rated for 2000 psi. Since the design safety factors are minimal, these cylinders are very unforgiving if you exceed the rated pressure.

Belt trailers, shuffle-floors and chain trailers, on the other hand, usually require 3000 psi or more to get the load started.

You can't mix these applications. The 3000 psi will damage your end-dump cylinder and a 2000 psi end-dump pump will not operate a high-pressure trailer and turning the pressure up will destroy it.

Regarding reservoirs. Traditionally an end dump uses a 50 or 70 gallon tank, and a belt trailer uses a 15-30 gallon tank. So a belt trailer, even though it has more than enough pressure, usually won't carry enough oil to get your end-dump in the air.

Having said all that, WE DO HAVE COMBINATION KITS. You can have the best of both worlds and run your end-dump or a belt trailer from the same truck. It just takes the large reservoir, a high pressure pump and valving to reduce the pressure for the end-dump cylinder.

THINKING OUTSIDE THE BOX

If you need to pull a hydraulically operated trailer with multiple trucks, or you lease a specialty trailer for a short time, we also have wet kits with gas or diesel engines powering them that you mount on the trailer, usually located underneath and behind the landing gear.

OUR ADVANTAGE

We have been doing this for about 31 years. Our knowledge and experience can help you get that new truck to work quickly. Our in-house Engineering Department will make sure it works correctly on the first load. We know that down-time is not an option in your business.

IMPORTANT:

Write your transmission model number here: _____ ,
and, if you already have a PTO, write it here: _____ .
We need these to do the calculations for your system.



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