

# Combo Trailer Wet Kit 2000/3000 psi Relief



A Combo Wet Kit for operating multiple types of trailers. With a 50 gallon reservoir you can handle end-dumps, and with high and low pressure, you can pull most kinds of belt, chain, shuffle-floor, tanker and implement trailers. Air controls switch between the two systems for you.



**Fluidpro**<sup>®</sup>  
FLUID POWER EQUIPMENT

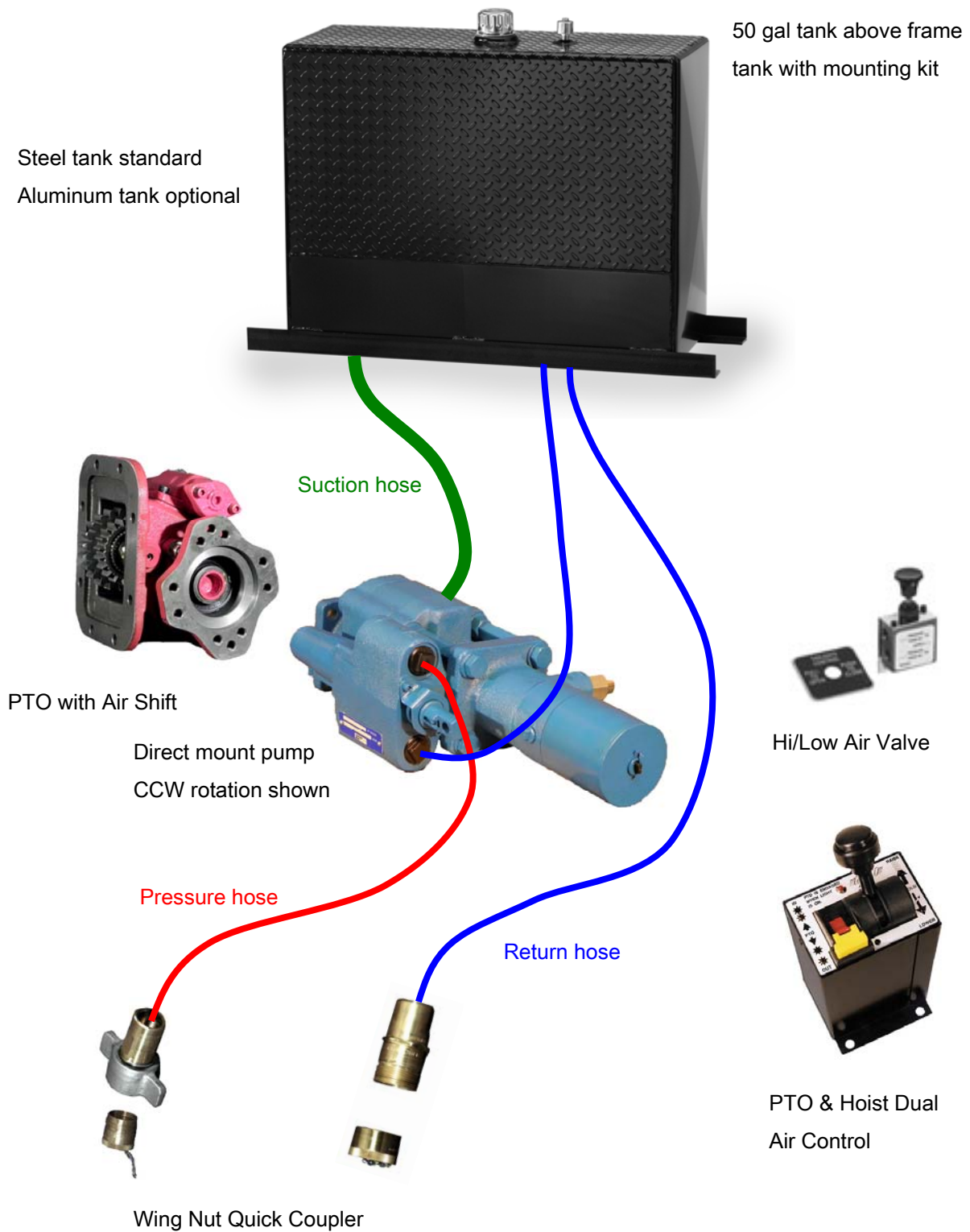
Division of

**KANAMAK HYDRAULICS INC.**

**COMBINATION END DUMP/BULK TRAILER  
WET KIT**  
2000/3000 Psi Relief

Steel tank standard  
Aluminum tank optional

50 gal tank above frame  
tank with mounting kit



## WET-LINE KIT COMBO END-DUMP & BULK TRAILER SPECIFICATIONS:

Pressure:	2000 or 3000 Psi Max
Flow:	25 gpm @ 1000 engine rpm
Reservoir:	50 gallon useable
	Installation brackets
	Rubber isolation mounts
	Filler/breather with filter
Pump:	Heavy gear pump with integral reliefs
	Air cylinder for Hoist Raise or Lower remote control functions
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
	Feathering dump control
	Automatic PTO kick-out when hoist is lowered.
	Second manual control for hi/low pressure switch
Relief Valve:	One set at 2000 psi, and one set at 3000 psi.
Hoses:	1 1/2" x 9ft suction hose with spiral wire to prevent collapse.
	1" x 15' pressure, rated at 3000 psi
Quick Couplers:	1" Wing Nut style

### OPTIONS:

Filter: 10 Micron, remote mount with 3rd line  
Hot-shift PTO's for automatic transmissions or shift on-the-go  
Side mount reservoirs  
Aluminum reservoirs  
Double pumps  
Bulk head plate 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



## **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 up the pressure 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.



**Toll Free 800-473-5843**  
**Phone: 620-275-6055**  
**Fax: 620-275-0120**  
**Email: sales@kanamak.com**

**2218 W. Mary**  
**PO Box 575**  
**Garden City, KS 67846**  
**U.S.A**

**www.kanamak.com**