

Straight talk about the PowerJack System

Hooking up to the typical industrial trailer can be a time-consuming and sometimes dangerous process. Many trailers have a drop leg or two that are difficult to operate in the best of conditions and generally require either stepping over the trailer tongue or bending over in the case of a gooseneck trailer. Both situations lend themselves to bumps and bruises.

Once the drop legs are positioned the real workout begins. Cranking the handle a few dozen turns gets the legs on the ground and even with a 2-speed landing gear the operator gets to crank another 50-75 revolutions to relax the suspension and clear the hitch. If the trailer is loaded this process only gets worse for the operator, who is at risk from slipping in the mud or snow, throwing out his back out or tearing up his shoulder. Is your Workman's Compensation insurance paid up?

The PowerJack System trailer jack is the solution to these problems. The PowerJack is a self-contained hydraulic trailer jack with a unique horizontal design that allows it to be mounted beneath the trailer or inside the V of the hitch and does not require a tower to be mounted next to the hitch or in front of the trailer.

The PowerJack has one long lifting arm instead of a drop leg. Powered with 10,000 psi industrial hydraulics the PowerJack is capable of lifting its entire rated capacity on a loaded trailer. An engineered mechanical lock stand allows parking of the trailer with no load pressure on the cylinder. This eliminates the possibilities of bursting lines or seals due to thermal expansion of the hydraulic fluids. In addition, the design of the mechanical lock stand dramatically reduces the potential of theft. Since the jack must be lifted off the lock stand by hydraulic pressure to be released, mounting the pump in a lockable toolbox makes it even more difficult for those with larceny in their hearts.

The PowerJack is easy to use. To detach the trailer from the tow vehicle you simply loosen the coupler and store the brake lines and electrical cable. The pump, mounted to the door of the toolbox, becomes easily accessible and with a few easy pumps the leg is on the ground. While the hand pump does require some effort the force is exerted in a downward motion in a better working position and with more efficient leverage. No cranking. No pulling rusty pins on drop legs.

The trailer can be quickly attached to the tow vehicle by raising the lock stand enough to allow the trailer to clear the hitch of the tow vehicle. Open the hydraulic control valve on the pump unit until the hitch is firmly seated on the tow vehicle. Once the hitches are firmly resting on each other lift the lock stand out of the way and open the control valve. Spring pressure will then pull the jack leg into transport position. Electric/hydraulic and air/hydraulic options are also available to eliminate hand pumping.

The PowerJack System saves time and energy in addition to making the trailer hitching process a safer one. Visit our web site, send us an email or call us at 712-725-2450 today to learn more about the PowerJack System hydraulic trailer jack.