

OPERATING INSTRUCTIONS

HYDRAULIC TENSIONER PUMP EXE-2000



SAFETY

BEFORE ATTEMPTING INSTALLATION OF TENSIONING EQUIPMENT IT IS IMPERATIVE OPERATORS UNDERSTAND THE INSTALLATION AND TENSIONING PROCEDURES CONTAINED IN THIS MANUAL.

DO NOT ALLOW UNTRAINED STAFF ATTEMPT INSTALLATION!!

DO NOT ALLOW PERSONNEL INTO THE INSTALLATION AREA WITHOUT FIRSTLY INSTRUCTING THEM ON THE SAFETY HAZARDS OF HYDRAULIC COMPONENTS.

PRE-INSTALLATION SAFETY CHECKLIST.

1. Are all persons in the installation area aware of safety procedures contained in this manual?
2. Have all persons in the installation area been issued with adequate eye and hearing protection devices?
3. Have all persons in the installation area been issued with suitable protective clothing?
4. Are installation personnel trained in the dangers of misuse of high-pressure hydraulic equipment?
5. Is the installation area free of unnecessary obstructions, which could endanger personnel, performing their assigned tasks?
6. No person should be allowed in close proximity to hydraulic components while pressurising the system.
7. When pressurising the system the pump operator must remain at their station, at the pressurising pump, in case of emergency.
8. Set pressure regulator to achieve the correct oil pressure for the product **before** coupling and tensioning begins.

IMPORTANT!

Do not back pressurise male nipples on hydraulic tensioning equipment. If a male nipple is fitted it must be connected to another hydraulic hose, and not used as the terminus of the harness!

REMEMBER!

Fluids under high pressure can cause damage or injury if the equipment is improperly used.

Incorrect installation procedures may cause safety hazards & void warranty.

INITIAL SET UP

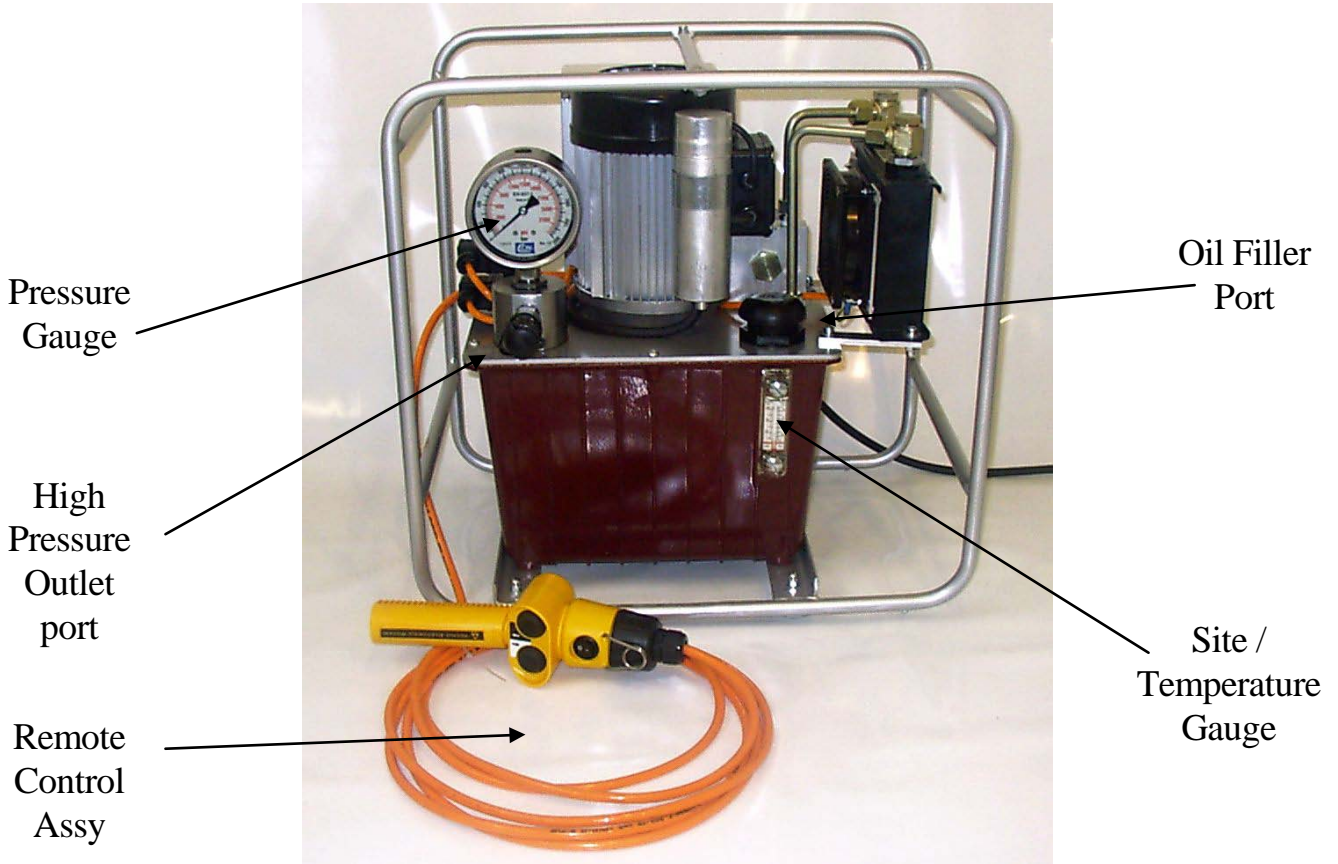
This power pack is designed as a portable unit that may be hand carried to, and used at any location. It can be operated with AC power supply.

Remove the breather/fill cap, located on the back left of reservoir, and fill at least 2/3 full with fluid.

Connect a 1/2" air line from the shop air supply to the 1/2" FNPT inlet of the air filter on the top, left side of unit.

GENERAL INFORMATION

THE MAXIMUM PRESSURE RATING OF THE SYSTEM IS 22,000 PSI.



Remote Control Pendant

Pressure
Adjusting
Valve



Oil filter



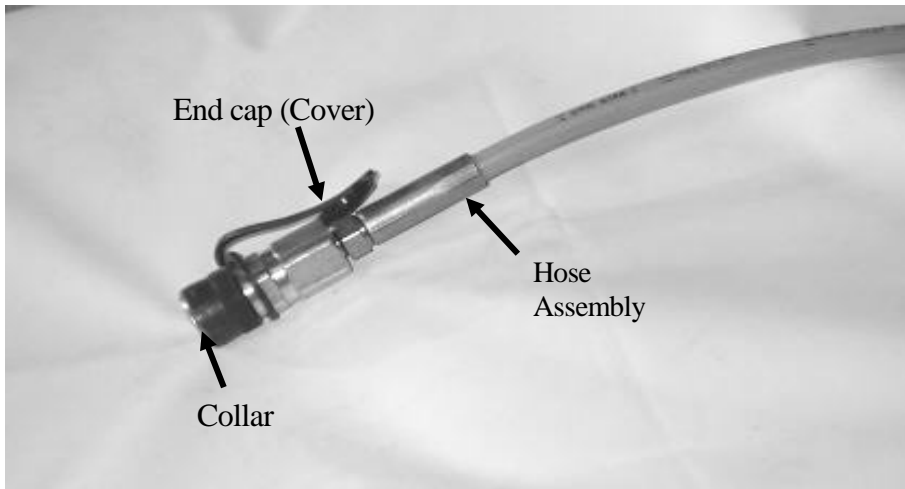
GENERAL OPERATION:

Step No.	Pump set up
	<u>Recommended oil is Castrol AWS10 or equivalent. Heavier oils will cause problems in depressurising of multi-linked tools.</u>
1	Check that the hydraulic tank is full, if not top up with oil at filler cap.
2	Ensure the on/off switch on the remote control pendant is in the off position; otherwise the pump will start when the power cord is plugged in.
3	Connect the power cord to an appropriate power source.
4	Refer to the operation manual for the tensioner for correct pressure to set pump.

Step No.	Pump Operation
1	Start pump
2	Screw the pressure adjusting valve counter clockwise till it stopes, DO NOT OVERTIGHTEN
3	Depress the advance button on the remote control.
4	Set hydraulic pressure by going up scale by screwing the pressure adjusting valve clock wise. <u>WARNING: DO NOT EXCEED MAXIMUM TOOL PRESSURE ON OIL PRESSURE GAUGE!! REFER TO TENSIONER SPECIFICATIONS FOR REQUIRED HYDRAULIC PRESSURE.</u>
5	The hydraulic pressure gauge will begin to register a pressure and pressure will increase as the pressure adjusting valve is screwed clockwise.
6	When correct pressure is reached, lock pressure adjusting valve with winged lock nut.
7	Release the remote control advance button and pump will hold set pressure indefinitely.

Step No.	De-Pressurizing the Pump
1.	Depress the Open to Tank button on the remote control.
2.	The hydraulic system will depressurise and the gauge will read 0 pressure
3.	The hydraulic hoses can now be disconnected. NOTE; DO NOT ATTEMPT TO DISCONNECT ANY HYDRAULIC HOSES UNTIL THE HYDRAULIC PRESSURE GAUGE IS READING ZERO.

Step No.	Attaching hose assembly
1.	Inspect hose for visual signs of damage and loose connections.
2.	Inspect hose fittings and jack male hydraulic fittings are clean.
3.	Push quick release fitting onto jack, to do this the collar is pulled back to allow the coupling to go over the male hydraulic fitting. Ensure collar returns back to the end of the coupling and rotates freely.



MAINTENANCE

USE ONLY ORIGINAL TITAN SPARE PARTS

Pumps can be repaired at your local authorized service centre or returned directly to Titan Technologies for quick turn-around service.

Pumps returned for repair should be accompanied with the pump's model, serial and order numbers as well as mfg. date and description of the problem / symptom.

SERVICE

For factory authorized service, contact Titan Technologies International, Inc. or your local Distributor.

For technical advice, please contact your nearest Dealer or Titan directly:

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