

“HD” SERIES PUMPING SYSTEM WITH HYDRAULIC MOTOR:

OPERATION

1. Place unit on level and solid surface.
2. Connect water hose to inlet swivel connector.
3. Connect pressure hose & gun to pressure outlet fitting.
4. On initial hook-up of hydraulic system do a trial run to be sure pump is rotating in correct direction. Direction indicator is located on the pump. If pump is rotating backwards, reverse hook-up of pressure lines on hydraulic pump, or reverse flow of fluid in hydraulic system if so equipped.
5. Turn on water (water supply must equal pump discharge rate with a minimum line pressure of -5 psi and a maximum line pressure of 80 psi).
6. Open the trigger on the gun and assure water flow through the nozzle.
7. Use gpm through hydraulic motor to turn pump at 1750 rpm.
8. Spray nozzles may be changed for different spray angles depending upon application.
9. To shut down - shut off trigger gun and turn ON/OFF diverter in line to OFF then release pressure at the gun.

MAINTENANCE

DAILY

1. Check equipment for proper operation.
2. Check for leaks and correct.
3. Check pressure hose condition (replace if worn or leaking).
4. Check spray nozzle (clean if plugged - replace if worn).
5. Check pump oil condition (see pump operating manual).
6. Check motor operation.

MONTHLY

1. Change pump crankcase oil (see pump manual).