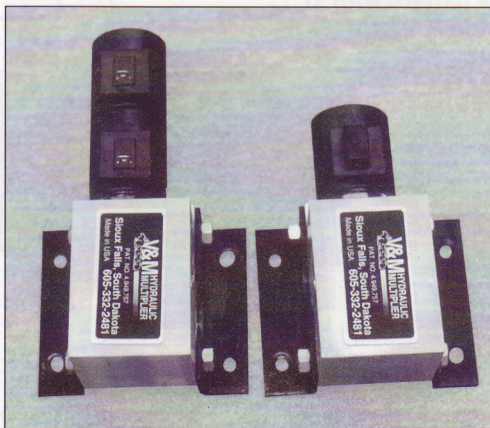


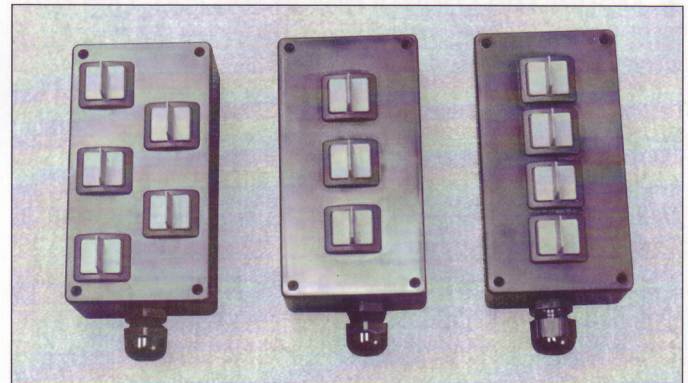
New from V&M Hydraulics - the SV Directional valve. This valve can be plumbed through the pump for directional control of cylinders, motors, etc.

This valve flows from 4 to 6 GPM, 3000 PSI. It is available for open or closed center systems in various configurations and coil voltages (12 V standard). Styles are also available to use with a 12-volt pump commonly used on pickup sprayers.



FEATURES:

- Adds 1 to 8 remote valves
- 4-6 GPM per outlet 3000 PSI
- Works on most tractors
- Finger tip control
- Easy to install
- 12 volt standard (24 volt available)



A control box with rocker switches controls the SV Directional. This will allow the operator to move the switch forward to extend the cylinder or move the switch backward to retract. These switches are available in momentary and held styles. The switches are water and dust proof. They are rated at 100,000 cycles—minimum—for long life in or out of the cab.

Many older tractors have one single acting (power up - gravity down) remote valve. We can turn these 1-way systems into a 2-way system while increasing your remote outlets - up to 8 sets.

Those of you with who currently use our SV Series Multiplier Valves can add the SV Directional Valve to "upgrade" to a directional system.

Some common uses for the SV Directional are sprayer booms, hay equipment, scrapers, markers, mowers, etc.

WARRANTY: Two years from date of purchase on manufacturing defects.

1. Mount the manifold where it is convenient and protected.

2. Connect the pressure hose to the inlet port marked "P." These inlet ports are SAE #8 O-ring (3/4-16 threads). Torque to 20 ft. lbs. CAUTION: DO NOT OVER TORQUE OR USE SEALANTS ON THREADS AND O-RINGS - THIS WILL VOID ALL WARRANTIES. Connect the tank (return) hose to the inlet marked "T." Connect the outlet ports to the cylinder, motor, etc. as shown in diagram at right.

3. Mount the control box in the cab. Use the Velcro included with product to hold the box in place.

4. Run the control box cable to the valve manifold. If the valve is mounted on implement make sure there is a ground wire. The red wire coming out of the box is the "hot" wire - connect to a 12V power source. We suggest that the power shuts off when the key is turned off for safety. Use a 5 to 8 amp fuse.

5. The black wire connects to the S1 solenoid spade. The white wire connects to the S2 solenoid spade. The wires with ring terminals connect to the outlet port solenoid studs.

6. The switch to wire code is 1-green 2-orange 3-blue 4 white/black 5-red/black 6-green/black 7-orange/black 8 blue/black. This is shown in diagram at right.

7. Bleed your hydraulic system to remove all air. Disconnect one side of each cylinder while you bleed the system.

8. Air can cause the cylinders to jump or multiple functions to move at the same time to slow movement. Contamination is probably the #1 problem that leads to system failure or problems. To help avoid problems change the oil and filter(s) to manufacturers specifications.

9. If you have any questions please call us at (605) 332-2481.

