Countless applications are possible with Power Team hydraulic components. For presses, lifting, jacking applications, production or maintenance setups. The pump shown is a typical electric/hydraulic unit. Electric, air or gas-driven pumps are available.

1. Single-acting cylinder or cylinders in the circuit, controlled by a pump mounted valve.

2. Double-acting cylinder or cylinders in the circuit, controlled by a pump mounted valve.


4. Double-acting cylinders controlled by a remote mounted valve.

5. Single-acting cylinders with a sequence valve which controls the primary and secondary cylinder circuits.

6. Double-acting cylinder with a sequence valve which controls the primary and secondary cylinder circuits.
Basic single-acting system with a hand pump, gauge, hose and single-acting cylinder.

2. Pump – a device for converting mechanical energy to fluid energy.
3. Directional valve – controls the direction of hydraulic fluid in the system.
4. Gauge – measures P.S.I. pressure (Pounds per Square Inch) and/or force.
6. Manifold – allows distribution of hydraulic fluid from one source to several cylinders. (No. 9617)
7. Swivel Connector – allows proper alignment of valves and/or gauges. Used when units being connected cannot be rotated. (No. 10469)
8. Quick Coupling – “hose half” and “cylinder half” couplings are used for quick connection and fluid flow check when separated. (No. 9797 and 9798)
9. Shut-Off Valve – regulates the flow of hydraulic fluid to or from cylinders. (No. 9642 or 9644)
10. Load-Lowering Valve – allows metered lowering of cylinder and provides safety when prolonged load holding is required. (No. 9596)
11. T-Gauge Adapter – allows for installation of pressure/tonnage gauge anywhere in the hydraulic system. (No. 9670)
12. Pipe Plug – for blocking unused ports within the system. (No. 10909)