

Complete Trailer Hydraulic Control Solutions

Bridon® Industries Trailer Passive Tilt System

The Bridon® Tilt System is engineered for simple, reliable, and predictable operation. A proprietary control valve integrated directly into the hydraulic fittings, combined with a patented, easy-to-turn on/off ball valve, provides smooth and effortless control. The system moves at a consistent, efficient rate across a wide range of loads, delivering immediate, controlled tilt response with no waiting for deck movement and no reservoir overflow.

Unlike conventional tilt systems that rely on external flow controls and open return paths—often requiring tuning for either light or heavy loads—the Bridon® Tilt System uses integrated control and managed oil return to maintain stable, predictable motion under all operating conditions. The result is consistent tilt performance without adjustment, regardless of load.



Available as a kit. Ask about Bridon® Components

Bridon® Custom Hose and Crimp Fittings

Bridon® Custom Cylinders

Bridon® Reservoirs



On/Off 3 Way Valves

Bulkhead mount on/off ball valve can be used as an on/off or a passive anti-cavitation 3rd port connected to a reservoir.



Flow Controls

Pressure compensated flow controls limit the flow regardless of pressure load. Can be installed in the cylinder port directly.

06-250-143 SAE -8 to JIC -6