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"For All Your Hydraulic Needs"

BUCHER
hydraulics

Safety on the road

Drawbar Suspension System for Protecting the Machine

Important features

- Reliable suspension function
- Pipe-mounting design means it is easy to incorporate into the machine
- No drawbar readjustment necessary, thanks to the low-leakage seat valve design
- Straightforward installation and maintenance, because no pressures have to be adjusted with ball valves and pressure gauges

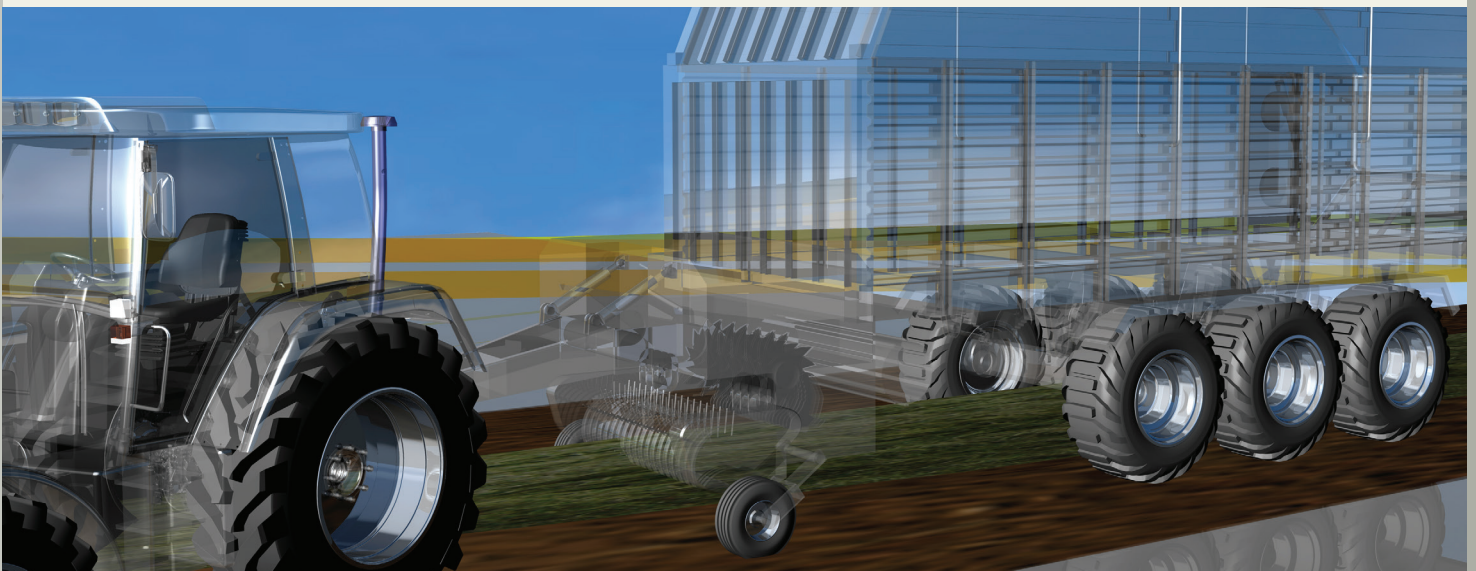
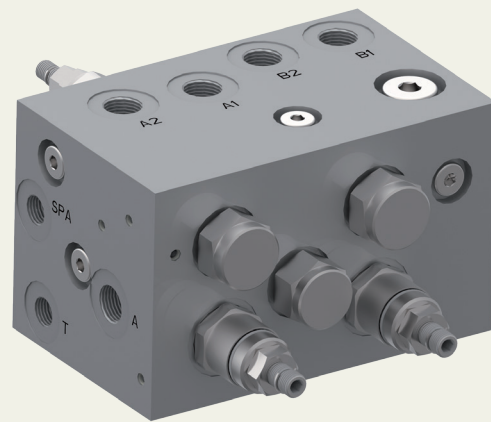
Function

With this valve block, a normal double-acting cylinder becomes part of a reliable suspension system. This is achieved by means of a pre-charged hydraulic accumulator that is fitted to the block.

After the degree of damping has been set (with no system pressure), the accumulator pressures and fill levels that are required for the suspension are set automatically. Consequently, the suspension is always working in its optimum range. The take-up capacity available in the accumulator is always sufficient to protect the drawbar from overload under emergency braking.

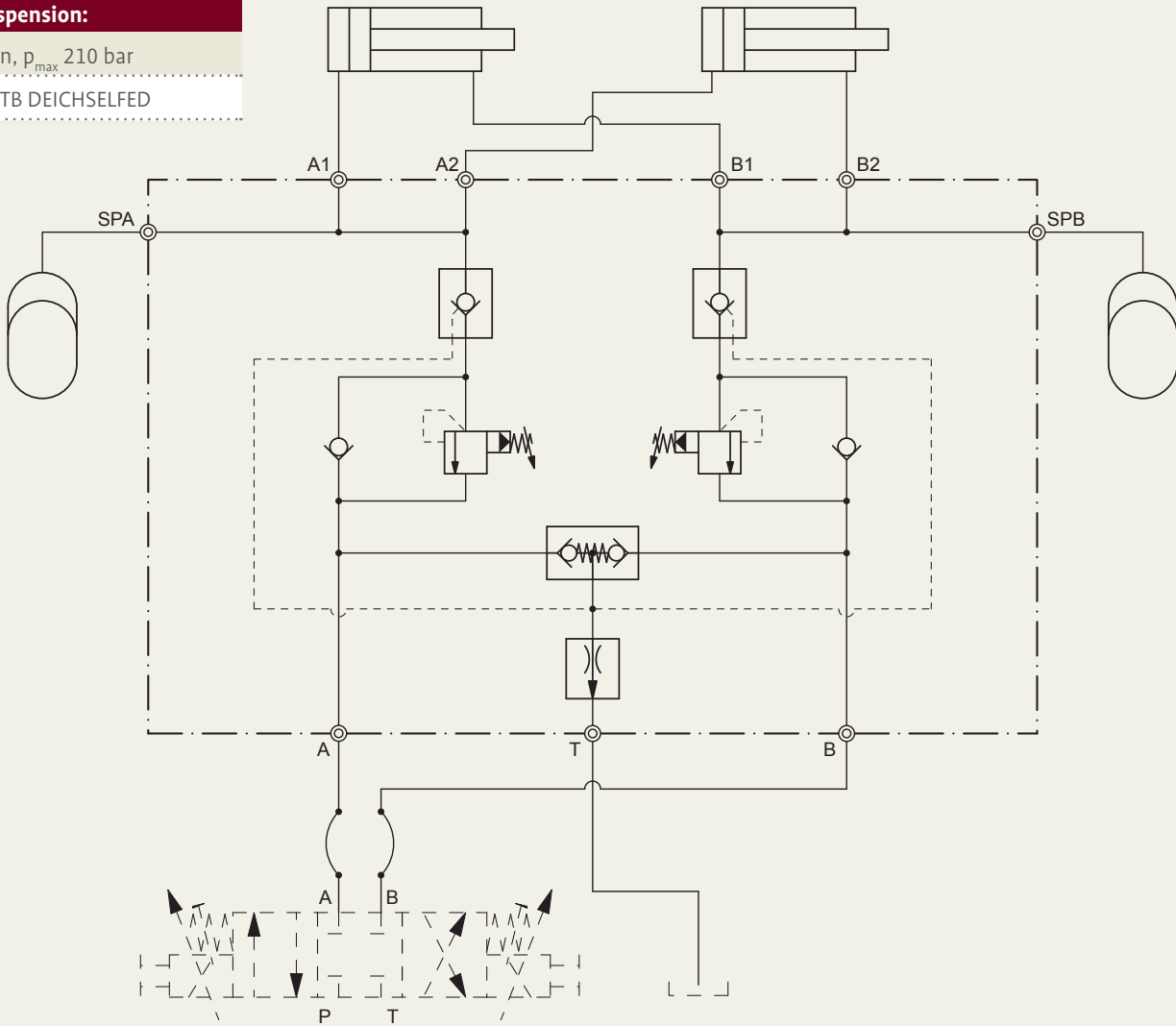
Your advantages

- The system protects the vehicle's mechanical components
- Safety on the road, and compliance with legal requirements
- Wide range of loads can be handled



Technical data / circuit diagrams

Manifold block for drawbar suspension:
 Q_{max} 25 l/min, p_{max} 210 bar
 Reference: STB DEICHSELFED



Dimensions

