



HV1000 SERIES

Monotube Shock Absorber with Pressurised Chamber

The HV1000 series is RedRoo's standard shock absorber and is suitable for a wide range of heavy vehicle applications. The HV1000 looks similar to other shocks on the market; however the unique main piston design, coupled with a pressurised chamber provides an extra dampening capability and performance which sets it apart.

Exclusive Benefits

- Pressurised chamber included in main shock body
- Designed with variable conditions in mind
- The 20mm diameter hardened shaft, ensures a robust and long-life product
- Hydraulic safety lock out, to ensure no metal to metal contact when the shock is fully extended in any extreme
- Low operating pressures of 20 to 120 PSI ensures that the oil temperature remains within optimal range no matter the external temperature
- Segregated compression and rebound chambers
- Clever patented valve design ensures zero aeration and superior oil flow
- Dual compression and rebound adjustments:
 - Simple shim stacks (factory or workshop settings)
 - Air pressure chamber (manual adjustment)
- The Red Roo HV1000 is a serviceable shock absorber

Applications

The HV1000 series is designed for use on heavy trailer's, light trucks, prime movers, buses and motorhome's. When used in conjunction with an HV2000, you will achieve superior load management.

Feature Description	Technical Data	Standard / Optional
Piston rod	Microcracked Hardened - 20mm	Standard
Piston bore diameter	57mm	Standard
Pressurised internal chamber with Floating piston	¼ air valve	Standard
Seal Type	Viton	Optional
Bushing	Polyurethane	Standard

HV1000 SERIES

