



# Horstman

## Ride Height Control System – RHCS™

The Horstman Ride Height Control System (RHCS™) Delivering vehicle strategic mobility for aircraft, rail transportation and sea lift.



### Product Overview

The Horstman Ride Height Control System (RHCS™) provides a fully selectable ground clearance adjustment that also maintains the correct weight distribution on multiple axles.

A CANBUS compliant Driver Interface Unit allows for terrain and ride height selections.

The RHCS™ delivers vehicle strategic mobility for airlift, rail transportation and sealift. Tactical mobility, platform stability, and suspension life expectancy are improved.

Integrated, tested and produced on multiple 6×6 and 8×8 platforms the RHCS has delivered high mobility into amphibious, desert, mountain and tropical terrain.

Ride Height Control System (RHCS™)

## Feature

Lower vehicle height / survivability

Automated Ride Height Settings

Independent Wheel Station Control

Weight Distribution

## Benefit

Reduced height for air-portability and rail gauge. Lower silhouette for reconnaissance, or higher ground clearance for counter IED operations

Automatic height settings for improved performance across defined terrains

Independent wheel station management provides recovery position adjustment. Improves vehicle maintenance operations

Maximizes ground contact and vehicle stability while ensuring optimal loading conditions on all axles. Compensation for payload variation across all vehicle variants



## Options

- Pre-set or infinitely variable height
- Selectable damping
- Wheel station Lockout for special roles
- Manual and maintenance modes
- Drivers Interface Unit as a software load

## Accessories

- Laptop and tablet-based maintainer tools
- System electrical harnesses
- Hydrostrut® suspension
- Joystick attitude control
- Track tensioner (tracked vehicles) – passive or active