

Multi-Leaf Parabolic Spring Suspension System

This parabolic spring suspension system is designed for heavy-duty vehicle applications. It features a multi-leaf parabolic spring design for optimized load distribution and ride comfort.



ADDITIONAL IMAGES



Product Overview

High-Performance Suspension Solution

This 3-axle American-type parabolic spring suspension system is engineered for durability and reliability in heavy-duty vehicle applications. Featuring high-tensile, low-alloy steel hangers and precision-manufactured leaf springs, the system ensures optimal load distribution and reduced vibration. The inclusion of urethane torque arm bushings provides superior buffering, enhancing the longevity of components under demanding operating conditions.

Technical Specifications

Axle Configuration	3-axle
Compatible Axle Type	Square (127x127 mm)
Hanger Thickness	6 mm
Equalizer Thickness	12 mm
Equalizer Pin Diameter	60 mm
Leaf Spring Dimensions	75x20x3 leaf

Features & Benefits

Warranty

15 Month Warranty

Material Advantages

- High tensile low alloy steel hangers for reduced weight and increased strength
- Urethane rubber torque arm bushings for enhanced buffering and abrasion resistance
- In-house leaf spring production for strict quality and lead time control

Product Variations

Casting Suspension, Agriculture Trailer Suspension