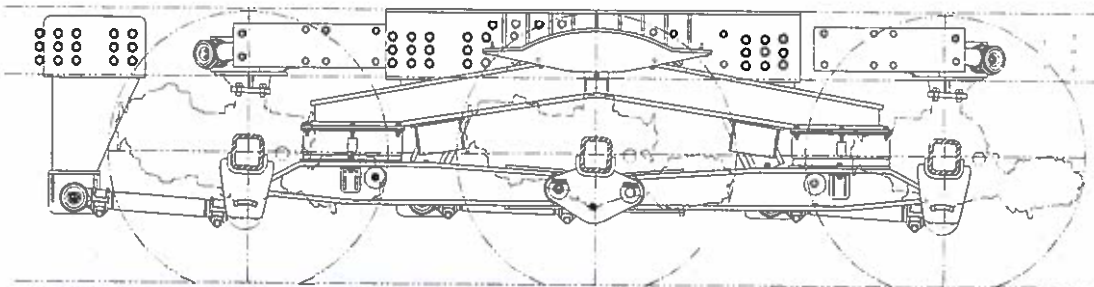


# The Superior Chalmers 1400 rubber spring Tridem truck suspension

The premium advantage offers better articulation, less maintenance,  
greater stability, more economy



## CHALMERS TRIDEM TRUCK SUSPENSIONS

The 1400 series Tridem continues to offer the premium advantages of Chalmers suspensions. Proven to be safer, smoother, and more profitable in all heavy duty applications.

Virtually indestructible rubber springs and upgraded walking beams ensure full equalization of axle weights at all times under the most extreme degrees of articulation. Maintenance is reduced to an absolute minimum ~ built in wear pads on the beams, beam bushings and only one rubber bushing in all joints makes it possible to service the suspension in any shop with no special equipment needed. Chalmers suspensions are ideal when stability for full loads and soft rides for empty loads are important features.

Check into Chalmers advantages and find out for yourself why many major fleets are specifying Chalmers rubber spring Tridem truck suspensions.



### Original Principle:

Chalmers has taken a completely fresh approach to the conflicting problems associated with the design of Tridem suspensions. They have separated the responsibilities of supporting and cushioning the load from those of locating and guiding the axles. This approach has permitted each part to be specifically designed for its function.

Running maintenance is virtually eliminated as the suspension requires no lubrication. Consequently operating costs are extremely low.

The suspension is equally proficient on or off-highway due to its excellent and uninhibited articulation. The wheels stay on the ground.

Variable rate rubber springs in restrictor cans, placed on wide spring centres, results in a soft ride empty and a superior stable ride when loaded.

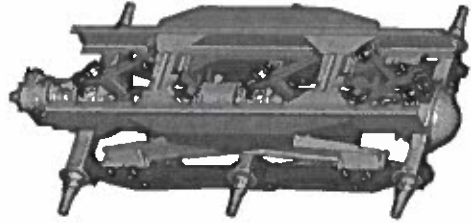
The separation of the load-carrying function from the braking and steering functions ensures equalization of load between the axles and eliminates axle wind-up. The axles are always loaded evenly during severe braking.

**CHALMERS SUSPENSIONS INTERNATIONAL INC.**  
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Chalmers offers customized suspensions for severe service applications in capacities from: 75,000 - 120,000 Lb.

Available with various axle spreads and ride heights to meet all applications.



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#### CHALMERS ADVANTAGES

1. No leaf springs or air bags to replace – the Chalmers "Loadguard" hollow rubber spring is virtually indestructible.
2. Guaranteed no-hop on braking for safety.
3. Minimum maintenance on suspension – no grease or oil ever.
4. Reduced maintenance to vehicle due to soft ride.
5. Full freedom of articulation – both parallel and diagonal.
6. Each set of tires takes its full weight at all times – this saves stub ends and wheel bearings.
7. Ease and simplicity of repairs.
8. Greatly increased stability – combats side-sway for faster runs.
9. Driver comfort greatly improved for increased productivity and safety.

Dump



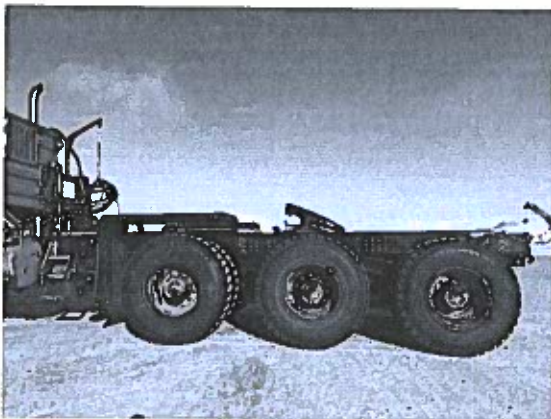
Logging



Tanker



Oil Field



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