



Timoney A.D.T.I.S.

The Timoney Articulated Dump Truck Independent Suspension System is designed specifically for Articulated Dump Trucks. It comprises an axle housing with outboard disc or oil immersed brakes fixed to the chassis rails and long travel coil spring of hydrostrut double wishbone wheel stations. This configuration isolates ground forces ensuring maximum load stability and driver comfort, while minimising roll during steering.

Specification

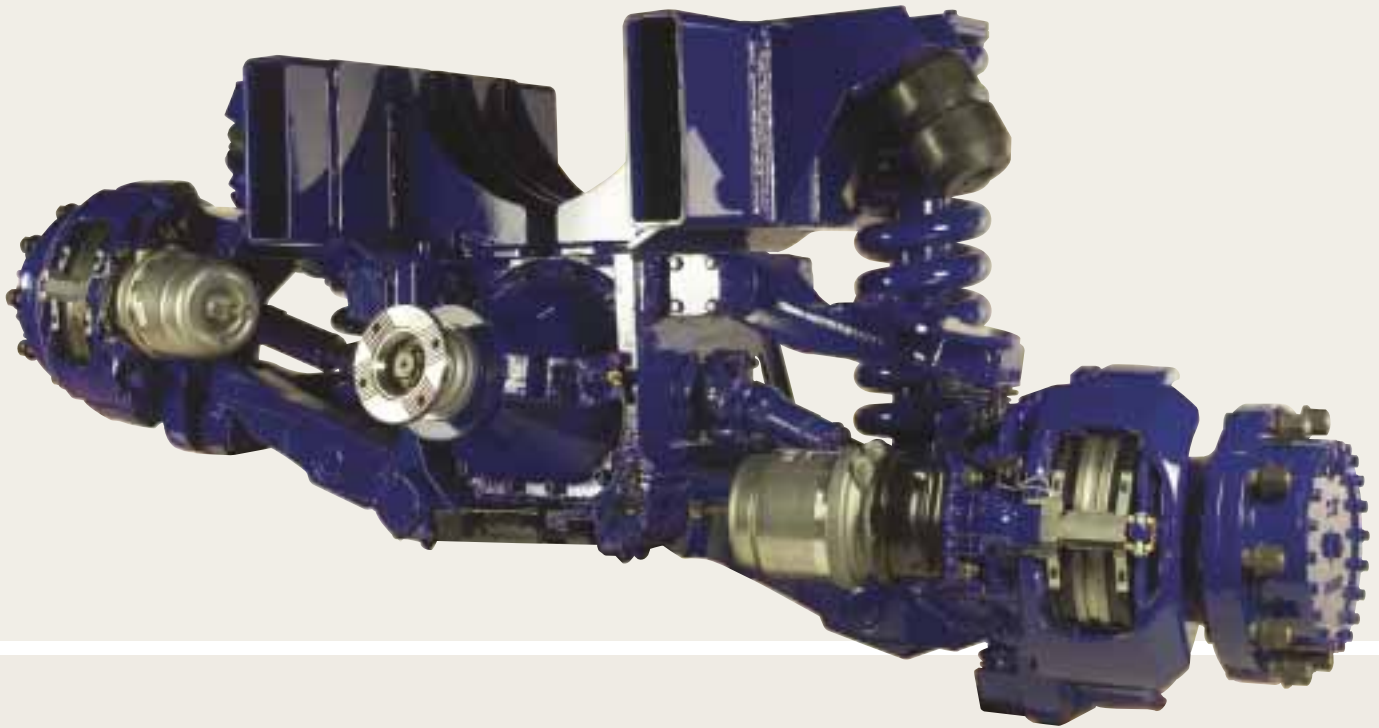
Configurations: 4x4, 6x4, 6x6

Axle Capacity: 33,000 – 44,000Lbs. Higher capacities upon application.

Axle Locations: Individual wheel to wheel modules spaced to suit the load bearing requirements of individual customers.

Wheel Movement: Bump 8", Rebound 8".

Springing Systems: 2 x variable rate springs or hydrostruts per wheel station



Timoney I.S. 2000

The Timoney Articulated Dump Truck Independent Suspension System is designed specifically for Articulated Dump Trucks. It comprises an axle housing with outboard disc or oil immersed brakes fixed to the chassis rails and long travel coil spring of hydrostrut double wishbone wheel stations. This configuration isolates ground forces ensuring maximum load stability and driver comfort, while minimising roll during steering.

Specification

Configurations: 4x4, 6x4, 6x6

Axle Capacity: 33,000 – 44,000Lbs. Higher capacities upon application.

Axle Locations: Individual wheel to wheel modules spaced to suit the load bearing requirements of individual customers.

Wheel Movement: Bump 8", Rebound 8".

Springing Systems: 2 x variable rate springs or hydrostruts per wheel station

SAE Off-Highway Engineering Magazine Announces
**Timoney Independent Suspension As
One of Top Twenty Products of 2004**



top
products
the year

SAE Off-Highway Engineering's annual Offering of the 20 highest-rated product offerings from industry suppliers as determined by our readers over the past year.

Independent Suspension

The Series 2000 independent suspension system from Timoney Technology Ltd. for off-road applications features an axle housing with outboard full air disc brakes fixed to torsionally rigid chassis rails with long-travel coil-sprung double wishbone wheel stations. This configuration isolates road forces, ensuring maximum load stability and driver comfort. The absence of chassis twist and the long wheel travel provide high levels of vehicle performance and stability under adverse terrain conditions.

The company also offers the ISNF-C on-highway independent non-drive front suspension unit that is available in axle ratings from 18,000 to 24,000 lb (8,160 kg to 11,000 kg).

While aimed at high-performance on-highway vehicles such as fire trucks, applicability of the ISNF-C to other areas such as on/off-highway vehicles and performance retrofits are also possible.

