

TYPE OF SUSPENSION

HEAVY DUTY TANDEM SUSPENSION

Our heavy duty tandem suspensions are specifically designed to withstand the toughest conditions. They perform particularly well for trucks working in quarries, mines and oil operations.

AMS46THD / AMS50THD

Ultra-precise, with toughness that redefines the rules.

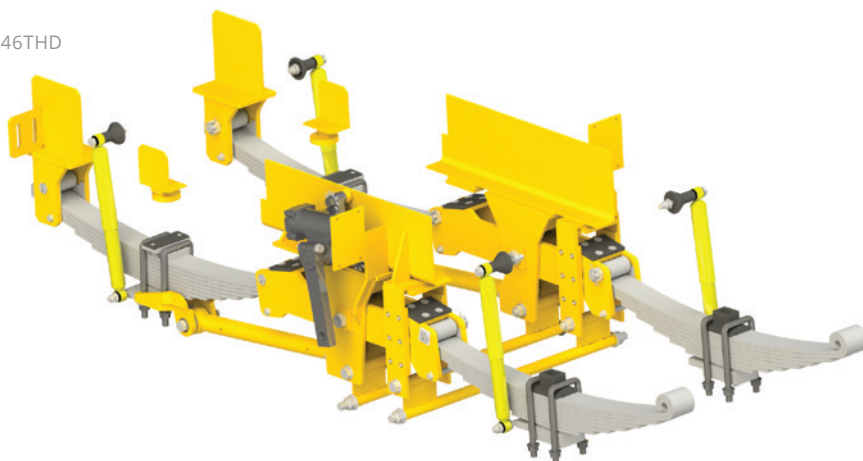
The AMS46THD and AMS50THD spring tandem front suspensions can withstand extreme rugged conditions without ever faltering. They combine a reinforced structure with finely-tuned technological developments. The result is impressive: maximum load capacity, ultra-precise steering, and safe driving.

CAN WITHSTAND
ANY CHALLENGE,
EVEN TIME

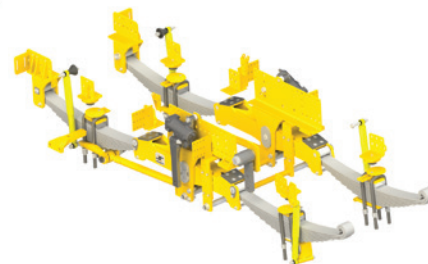
SPECIFIC ADVANTAGES

- Specifically designed for rugged conditions
- Ultra-robust components with extreme durability
- Tried-and-tested for off-road applications
- Turning radius equivalent to standard tandem suspensions
- Increased lateral stability
- Minimal maintenance, requiring very few parts

AMS46THD



- Up to **50,000 lb – 22,000 kg** load capacity



AMS50THD

FACT SHEET

Suspension type	Front spring tandem	Hub type	Hub pilot, Spoke
Load capacity	AMS46TDH: 44000 / 46000 lbs (19958 / 20865 kg) AMS50TDH: 50000 lbs (22680 kg)	Wheel type (rims)	(12 ¼", 13") Steel or Aluminum
Axle type	I-Beam Steer axle	Tire size	425/65R22.5 / 445/65R22.5
Axle load capacity	AMS46TDH: 22000 / 23000 lbs (9979 / 10433 kg) AMS50TDH: 25000 lbs (11340 kg)	Steering	Mechanical, hydraulically assisted
Axle spacing	72" to 104" (1829 mm to 2642 mm) (Note 1 & 2)	Turning radius	Retains same radius as original equipment
Brakes	(16,5 X 6 / 16,5 X 7) S-Cam air, Auto slack adjuster (ABS)	Total weight (Suspension, Axle, wheels and Tires)	Approx 2865 lbs - 1300 kg (Note 3)
		Applications	Severe service on/offroad Dump-box / Mixer / Roll-Off / Crane / Oilfield / Tanker, etc.

NOTES: 1. Depending on make and model of vehicle 2. Varies depending on chassis make/model and ATD / DPF option / location 3. Varies depending on front axle spacing