

TYPE OF SUSPENSION

FRONT AIR TANDEM

Our air tandem suspensions offer users maximum comfort. They absorb bumps and reduce chassis bouncing to create safe working conditions that are conducive to high performance.

AMS20A4 / AMS40A4

Ultra-light. Maximum comfort. The AMS20A4 and AMS40A4 air tandem front suspensions optimize performance of tires and steering components. Its self-leveling system makes it perfect for any vehicle on rough terrain and snow equipment.

BRING ON
THE LONG
WORK DAYS

SPECIFIC ADVANTAGES

- Maximum comfort and safety
- Increased lateral stability
- Superior traction on rough and sloping terrain
- Easy maintenance, requiring very few parts
- Ultra-light structure
- Seasonal removal of unnecessary springs



- Up to **40,000 lb – 18,000 kg** load capacity
- Also available for single-axle trucks with a 20,000 lb (9 t) capacity.

FACT SHEET

Suspension type	Front air single (replaces chassis OEM suspension)	Hub type	Hub pilot, Spoke
Load capacity	AMS20A4: 12000 / 14600 / 16000 / 18000 / 20000 lbs (5445 / 6600 / 7250 / 8180 / 9070 kg) AMS40A4: 29200 / 32000 / 36000 / 40000 lbs (13200 / 14500 / 16320 / 18140 kg)	Wheel type (rims)	(8 ¼", 9", 12 ¼", 13") Steel or Aluminum
Axle type	I-Beam Steer axle	Tire size	11R22.5 / 315/80R22.5 / 385/65R22.5 / 425/65R22.5 / 445/65R22.5
Axle load capacity	AMS20A4: 12000 / 14600 / 16000 / 18000 / 20000 lbs (5445 / 6600 / 7250 / 8160 / 9070 kg) AMS40A4: 14600 / 16000 / 18000 / 20000 lbs (6600 / 7250 / 8160 / 9070 kg)	Steering	AMS20A4: Chassis OEM AMS40A4: Mechanical, hydraulically assisted
Axle spacing	60" to 145" (1626 mm to 3683 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)	AMS20A4: No significant weight difference with OEM suspension it replaces AMS40A4: Approx 2450 lbs - 1100 kg
		Applications	AMS20A4: Highway tractor / Dump-box / Roll-Off / Tanker, etc. AMS40A4: Dump-box / Roll-Off / Crane / Concrete Pump / Oilfield / Snow Equipment / Tanker, etc.

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