

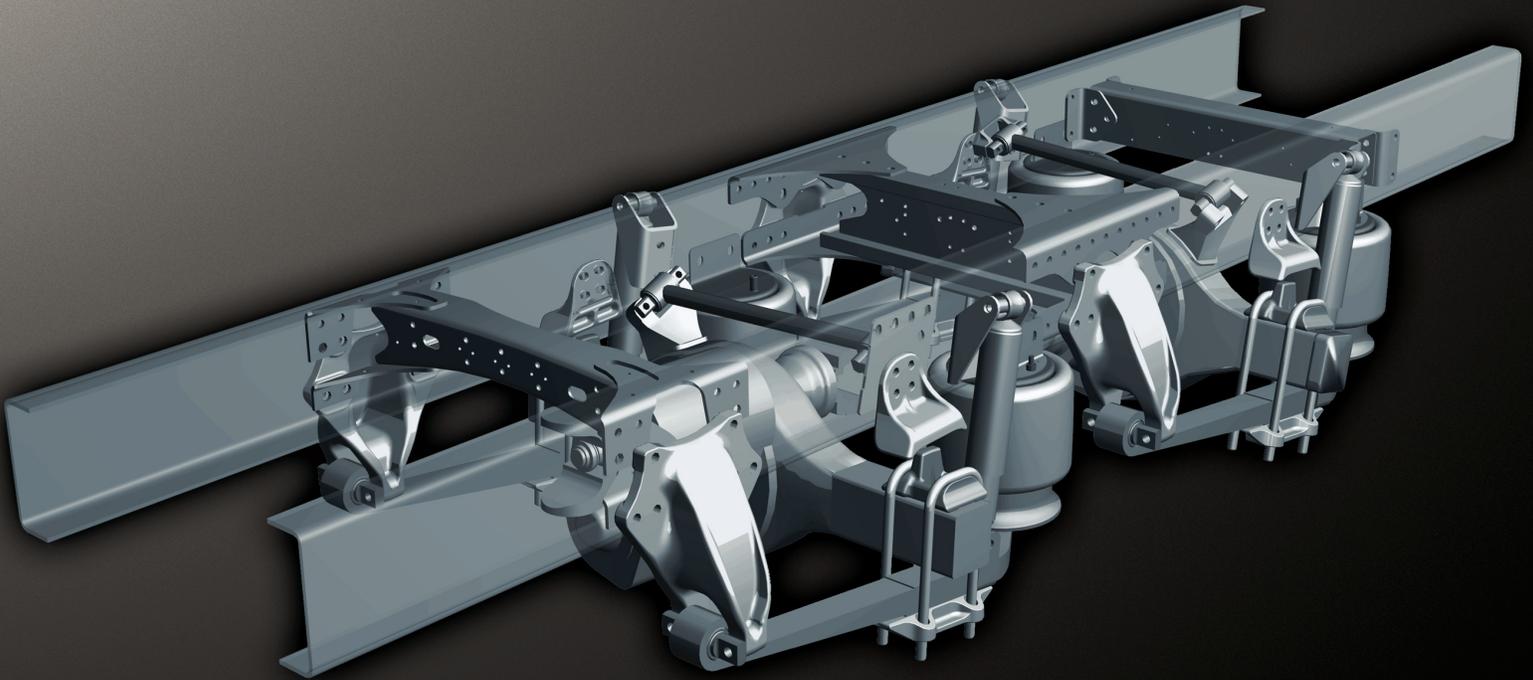


Run Smart™

# AIRLINER®

LIGHTWEIGHT – MORE PAYLOAD | QUIET, CUSHIONED RIDE | LOW MAINTENANCE

SUSPENSION



There's a reason Freightliner's AirLiner® rear suspensions shoulder the weight of more vehicles in North America than any other suspension. With the most advanced design on the road, our family of AirLiner suspensions keeps weights lower and payloads higher. Smart engineering means drivers, and their freight, get a quiet and cushioned ride, reducing driver fatigue and the possibility of damaged cargo. In addition, maintenance-friendly features ensure a long life and minimize maintenance costs year after year.

### LIGHTWEIGHT – MORE PAYLOAD CAPACITY

- Advanced design reduces weight, allowing for greater revenue-earning payload
- Fewer total parts offer more simplicity and less weight
- Aluminum brackets used on all but the 23,000 and 46,000 pound models
- Composite or aluminum air bag pistons used on all models to reduce weight
- Lightweight standard-duty design rated at 40,000 pounds, higher than most competitors' standards at 38,000 pounds

### RIDE AND HANDLING – OPTIMIZED FOR PERFORMANCE

- Optimized suspension geometry provides superior handling, excellent lateral control and enhanced roll stability
- Freight-cushioning ride, dynamically tuned to the vehicle, reduces damage to payloads
- Proven combination of trailing arm leaf springs and self-leveling air bags provides a uniformly soft spring ride
- Excellent ride either loaded or unloaded
- Designed to reduce sway when turning or negotiating curves
- Delivers greater comfort and handling when compared to other suspensions
- Underslung, parabolic leaf-spring trailing arms permit low fifth wheel heights for today's tallest trailers
- Premium rotary height-control valve provides for a constant spring rate for optimum cushioning performance and ride height

### LOW MAINTENANCE – LOWER COST OF OWNERSHIP

- Substantially fewer parts than competing systems provide reduced maintenance and greater reliability
- Double-bonded rubber bushings on moving joints require no lubrication, reducing maintenance costs and ensuring metal parts don't rub together, increasing product life
- No wear surface points to lubricate or replace

### ECONOMICAL – LOW COST, HIGH RESALE

- Attractively priced
- Resale price comparisons show trucks with air ride suspensions command higher resale value

### FULL SELECTION – ALMOST ANY APPLICATION

- Full selection of single and tandem drive suspensions tuned for almost any application
- For larger payloads, a 46,000 pound AirLiner Heavy-Duty version is available with a C-channel crossbeam stabilizer

AirLiner Single Drive Suspensions			
Model	10,000, 12,000, 15,000 & 18,000 lb.	21,000 lb.	23,000 lb.
Duty Class	Standard Duty	Standard Duty	Heavy Duty
Application	Truck or Tractor	Tractor	Truck or Tractor
Main Brackets	Aluminum	Aluminum	Iron
Main Spring Arm	Single-Leaf	2-Leaf	Heavy Duty 2-Leaf
Spring Bushing	Standard Duty	Standard Duty	Heavy Duty
Axle Seat Attachment	Clamped to Axle	Clamped to Axle	Clamped with Restraint
Crossbeam Stabilizer	No	No	Yes
Track Rods	Standard Duty	Standard Duty	Heavy Duty
Air-Spring Pistons	Composite	Composite	Aluminum

AirLiner Tandem Drive Suspensions			
Model	40,000 lb.	40,000 lb. Extra Duty	46,000 lb.
Duty Class	Standard Duty	Heavy Duty	Heavy Duty
Application	Truck or Tractor	Truck or Tractor	Truck or Tractor
Main Brackets	Aluminum	Aluminum	Iron
Main Spring Arm	1-Leaf	2-Leaf	Heavy Duty 2-Leaf
Spring Bushing	Standard Duty	Heavy Duty	Heavy Duty
Axle Seat Attachment	Clamped to Axle	Clamped with Restraint	Clamped with Restraint
Frame Crossmember	Extruded Aluminum	Formed Steel	Formed Steel
Crossbeam Stabilizer	No	No	Yes
Track Rods	Standard Duty	Standard Duty	Heavy Duty
Air-Spring Pistons	Composite	Composite	Aluminum
Ride Height	Low, Mid, or Standard	Standard	Standard

**Consult these charts and contact your Freightliner Trucks dealer to optimize the AirLiner for your application!**

