

# **Air-tow™** **Trailers**



**Ground-level Loading**  
**No Tilt - No Ramp**  
**Full Air Suspension**



MADE IN USA

# ABOUT ROCK LINE PRODUCTS INC.

## HOW ROCK LINE MADE HISTORY WITH DROP DECK TRAILERS

More than 20 years ago, the founders of Rock Line Products Inc. developed the world's first drop-deck trailer and have been leading the industry in innovative engineering since.

In 1996, the owners/engineers at Rock Line designed and patented a drop-deck trailer called the Triple L Trailer. ("Triple L" standing for "Lower-Load-Lift".) Safety and labor savings were the main objectives in designing this new style trailer. Being able to load equipment or cargo at ground level completely eliminated the need for dangerous loading ramps, difficult tilt beds or under size lift gates. Equipment requiring two or more people to load, could now be accomplished with one person. Light and heavy equipment movers across the nation realized the benefits and the trailer quickly became a hit.

Over the years, many new industries and markets were seeking out the trailers Rock Line designed and were requesting new, upgraded features. Today's equipment continues to be more complex with some items having sensitive electronic components where a soft smooth ride becomes important. Based on these requests, Rock Line Products Inc. developed the upgraded and innovated Air-tow Trailer line.

Since the most requested upgrade was a better towing trailer, a completely unique air suspension feature was included on the trailer. This was, and still is, not found on any other trailer on the market. This fully automatic, self-contained, dual air suspension system adjusts for the exact weight you are carrying. It also compensates for any difference in weight from side to side. In addition to protecting your load, there is less abuse on the trailer as well as the tow vehicle.

After 18 years of building drop-deck trailers, Rock Line can boast many thousands of trailers in use across America and around the world. Rock Line Products is known for developing highly engineered, quality built products that serve many niche markets. New innovation and the entrepreneurial spirit is what we here at Rock Line pride ourselves on.



La Verne, CA



Wapakoneta, OH

[www.airtow.com](http://www.airtow.com)



## ***WHAT IS IT AND HOW DOES IT WORK?***

Air ride suspension carries the load on each axle with a pressurized air bag much like a high pressure balloon. Air ride suspension systems have been in common use for over forty years and have been proven to provide the smoothest and most shock free ride of any known vehicle suspension system. Modern air bags are constructed using the same methods as a tire, by using high strength cords, which are then encapsulated in rubber. These units are very durable in service and have a proven life of many years.

In addition to providing an extremely smooth ride quality, air ride suspension also provides other important features. First, the system automatically adjusts air pressure in the air bag so that the trailer always rides at the same height, whether lightly loaded or heavily loaded. This allows the suspension system to always provide the maximum usable wheel travel independent of trailer load. The higher air bag pressure associated with higher trailer loads automatically provides a stiffer suspension, which is exactly what is required for a smooth ride. The lower air bag pressure for lightly loaded conditions, automatically provides for a softer suspension, thus providing the same ride quality for all trailer loading conditions. Since each axle is independently supported by its own air bag, the air ride suspension is a truly, fully independent suspension system.

The automatic control of the air bag pressure is accomplished by a solid state electronic control system specifically designed and packaged for vehicle use. This system continuously monitors the “ride height” of the trailer suspension and increases air pressure if the ride height is too low, by turning on an on-board air compressor. The air compressor stops automatically when the proper ride height is reached. If the ride height is too high, an automatic vent valve releases excess air pressure and stops venting when the proper ride height is reached. All required electrical power is provided by a 12 volt battery contained in the trailer equipment compartment.

## ***WHY HAVE IT?***

The super smooth ride helps protect the equipment or cargo you are hauling. Today, more and more equipment has sensitive electronic components that need to be handled gently. In addition to protecting your load, there is less abuse on the trailer as well as the tow vehicle. You can feel a definite difference when towing an Air-tow trailer. Air suspension means less maintenance costs.

Air suspension increases the value of your trailer. Air-tow trailers are highly sought after and the resale value is much greater than regular trailers.

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## ***ALTERNATE RUBBER SUSPENSION***

If for any reason, air suspension is not your choice, an alternate rubber suspension is available.

Rubber suspension is less expensive and while it cannot match the smooth ride performance of an air suspension system, it does offer many advantages over conventional leaf springs.

The Air-tow rubber suspension has a progressive spring rate, the further it is compressed, the stiffer it becomes. It is gradually stiffened according to the load being applied by progressively increasing, in proportion to the load being carried. This rubber suspension can withstand severe shock loads at maximum capacity without bottoming out, which greatly reduces forces transmitted to the trailer frame and cargo.

# FLATBED MODEL



The unique *Air-tow* flatbed uses a totally different concept to make loading easier and safer. The trailer deck remains completely level as it raises or lowers hydraulically in less than 30 seconds. At ground level, you simply drive your equipment onto the trailer. It is especially useful for equipment with poor traction or low ground clearance such as scissor lifts, sweepers, pavement rollers, etc. *Air-tow* eliminates the need for difficult tilt beds or dangerous loading ramps, making it a one-man job even in adverse weather.

## FLATBED SPECIFICATIONS

MODEL	RS8-20	RS8-32	SN10-55	S10-55	S12-55	T12-7	T14-7
Capacity - lbs.	2000	3200	5500	5500	5,500	7,000	7,000
Deck Width	4' 6" (54")	4' 4" (52")	4' 9" (57")	6' 3" (75")	6' 3" (75")	6' 3" (75")	6' 3" (75")
Deck Length (inc. 18" ramp)	8 ft. - 6"	8 ft. - 6"	10 FT.	10 ft.	12 ft.	12 ft.	14 ft.
Deck Material	Wood	Steel Plate	Steel Plate	Steel Plate	Steel Plate	Steel Plate	Steel Plate
Ramp Size	18"	18"	18"	18"	18"	18"	18"
Overall Width	92"	73"	84"	102"	102"	102"	102"
Axles	Single	Single	Single	Single	Single	Tandem	Tandem
Wheels/Tires	14" - 6 Ply	15" - 8 Ply	15" - 8 Ply	15" - 8 Ply	15" - 8 Ply	15" - 8 Ply	15" - 8 Ply
Brakes (electric - std.)	Optional	Electric	Electric	Electric	Electric	Electric (1 Axle)	Electric (1 Axle)
Suspension (Air / Rubber)	Rubber	Rubber	Air	Air	Air	Air	Air
Lift Mechanism	H. Crank	Hyd.	Hyd.	Hyd.	Hyd.	Hyd.	Hyd.
Coupler	2" Ball	2" Ball	2 5/16 Ball	2 5/16 Ball	2 5/16 Ball	2 5/16 Ball	2 5/16 Ball
Weight (lbs.) varies w/opt.	1490	1675	1995	2395	2585	3250	3450
Color	Royal Blue	Royal Blue	Royal Blue	Royal Blue	Royal Blue	Royal Blue	Royal Blue

MODEL	T10-10	T12-10	T14-10	T16-9	T14-12	RT14-12
Capacity - lbs.	10,000	10,000	10,000	9,000	12,000	12,000
Deck Width	6' 3" (75")	6' 3" (75")	6' 3" (75")	6' 3" (75")	6' 3" (75")	6' 3" (75")
Deck Length (inc. 18" ramp)	10 ft.	12 ft.	14 ft.	16 ft.	14 ft.	14 ft.
Deck Material	Steel Plate	Steel Plate	Steel Plate	Steel Plate	Steel Plate	Steel Plate
Ramp Size	18"	18"	18"	18"	18"	18"
Overall Width	102"	102"	102"	102"	102"	102"
Axles	Tandem	Tandem	Tandem	Tandem	Tandem	Tandem
Wheels/Tires	16" - 12 Ply	16" - 12 Ply	16" - 12 Ply	16" - 12 Ply	16" - 12 Ply	16" - 12 Ply
Brakes (electric - std.)	Electric	Electric	Electric	Electric	Electric	Electric
Suspension (Air / Rubber)	Air	Air	Air	Air	Air	Rubber
Lift Mechanism	Hyd.	Hyd.	Hyd.	Hyd.	Hyd.	Hyd.
Coupler	2 5/16 Ball	2 5/16 Ball	2 5/16 Ball	2 5/16 Ball	2 5/16 Ball	2 5/16 Ball
Weight (lbs.) varies w/opt.	3195	3325	3495	3685	3575	3575
Color	Royal Blue	Royal Blue	Royal Blue	Royal Blue	Royal Blue	Royal Blue



Full contained power compartment



Extra deep tool compartment



Heavy-duty, quick adjust jack



# UTILITY MODEL



Enjoy the same features as the flatbed trailers, but with the added convenience of an enclosed box trailer. It is safe & easy to enter the trailer at ground level. The full width, low angle ramp, makes loading with a hand cart or dolly a simple operation.

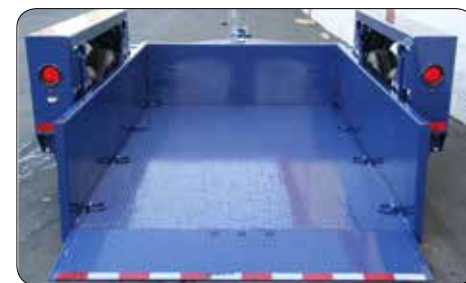
**Air-tow** utility models have a wide variety of options to fit your exact needs.

## UTILITY SPECIFICATIONS

MODEL	RUS8-32	USN10-55	US10-55	US12-55	UT12-7	UT14-7
Capacity - lbs.	3200	5500	5500	5,500	7,000	7,000
Deck Width	4' 4" (52")	4' 9" (57")	6' 3" (75")	6' 3" (75")	6' 3" (75")	6' 3" (75")
Deck Length (inc. 18" ramp)	8 ft. - 6"	10 FT.	10 ft.	12 ft.	12 ft.	14 ft.
Deck Material	Steel Plate	Steel Plate	Steel Plate	Steel Plate	Steel Plate	Steel Plate
Ramp Size	18"	18"	18"	18"	18"	18"
Overall Width	73"	84"	102"	102"	102"	102"
Axles	Single	Single	Single	Single	Tandem	Tandem
Wheels/Tires	15" - 8 Ply	15" - 8 Ply	15" - 8 Ply	15" - 8 Ply	15" - 8 Ply	15" - 8 Ply
Brakes (electric - std.)	Electric	Electric	Electric	Electric	Electric (1 Axle)	Electric (1 Axle)
Suspension	Rubber	Air	Air	Air	Air	Air
Lift Mech	Hyd.	Hyd	Hyd.	Hyd.	Hyd.	Hyd.
Coupler	2" Ball	2" Ball	2 5/16 Ball	2 5/16 Ball	2 5/16 Ball	2 5/16 Ball
Weight (lbs.) varies w/opt.	1725	2095	2450	2995	3400	3600
Color	Royal Blue	Royal Blue	Royal Blue	Royal Blue	Royal Blue	Royal Blue



Optional, removable tail gate



Extra-wide deck width



Available in various sizes and options!

MODEL	UT10-10	UT12-10	UT14-10	UT16-9	UT14-12	RUT14-12
Capacity - lbs.	10,000	10,000	10,000	9,000	12,000	12,000
Deck Width	6' 3" (75")	6' 3" (75")	6' 3" (75")	6' 3" (75")	6' 3" (75")	6' 3" (75")
Deck Length (inc. 18" ramp)	10 ft.	12 ft.	14 ft.	16 ft.	14 ft.	14 ft.
Deck Material	Steel Plate	Steel Plate	Steel Plate	Steel Plate	Steel Plate	Steel Plate
Ramp Size	18"	18"	18"	18"	18"	18"
Overall Width	102"	102"	102"	102"	102"	102"
Axles	Tandem	Tandem	Tandem	Tandem	Tandem	Tandem
Wheels/Tires	16" - 12 Ply	16" - 12 Ply	16" - 12 Ply	16" - 12 Ply	16" - 12 Ply	16" - 12 Ply
Brakes (electric - std.)	Electric	Electric	Electric	Electric	Electric	Electric
Suspension	Air	Air	Air	Air	Air	Rubber
Lift Mech	Hyd.	Hyd.	Hyd.	Hyd.	Hyd.	Hyd.
Coupler	2 5/16 Ball	2 5/16 Ball	2 5/16 Ball	2 5/16 Ball	2 5/16 Ball	2 5/16 Ball
Weight (lbs.) varies w/opt.	3345	3475	3645	3895	3840	3840
Color	Royal Blue	Royal Blue	Royal Blue	Royal Blue	Royal Blue	Royal Blue



# DROP-DECK & DUMP MODEL



This one-of-a-kind, multi-purpose trailer lowers flat to the ground for safer, easier and faster loading & unloading and is a full-blown dump trailer. With a load capacity of 8,000lbs, the “3D” trailer is ideal for moving your skid steer to the job site and then loading & hauling debris. With the dual fold-down/ spreader tailgate, you have the option of how you load and unload your equipment and materials.



## 3D SPECIFICATIONS

MODEL	3D
Capacity (lbs)	10,000
Full Dump Angle	45 Degree
Bed Width Inside	74"
Bed Length Inside	125"
Bed Depth Inside	24"
Trailer Width Overall	101"
Axles	Tandem
Brakes	Dual Elec.
Suspension	Rubber
Lift Mechanism	Dual Hydraul.
Tailgate Ramp	Dual Acting
Coupler	2 5/16"
Weight	4,330 lbs
Color	Royal Blue



# ENCLOSED MODEL



**Air-tow** offers the advantages of ground-level loading, extremely smooth air suspension ride and a fully enclosed sealed trailer. Keeps your cargo clean and protected from the elements as well as giving security protection at your location or the jobsite.



**STANDARD INTERIOR** - Aluminum roof & sides. Galvanized "Z" studs on 16" centers - roof bows on 24" centers. Interior completely sealed.



**INTERIOR UPGRADES** - Plywood available front & sides. Unfinished or primed & painted white. "E" track mounted over panels or recessed.



**INTERIOR FIXTURES** - Roof lights, fans, rear door switches, 110V receptacles, air vents, etc. are all available options.



**REAR DOOR** - Steel welded rear door frame supports the heavy duty doors. Supported with 4 hinges & locked with strong truck door latch.

## ENCLOSED SPECIFICATIONS

MODEL	E-12	E-14	E-16
Capacity (lbs.)	9000	9000	9000
Inside Deck Width	75"	75"	75"
Inside Deck Length	10'-3"	12'-3"	14'-3"
Door Height	86"	86"	86"
Outside Ramp Width	18"	18"	18"
Weight (lbs.) varies w/opt.	3995	4295	4495
Axles	Tandem	Tandem	Tandem
Tires	16" 12 Ply	16" 12 Ply	16" 12 Ply
Brakes (2 Axles)	Electric	Electric	Electric
Suspension	Full Air	Full Air	Full Air
Lift Mechanism	Hydraulic	Hydraulic	Hydraulic
Coupler	2-5/16 Ball	2-5/16 Ball	2-5/16 Ball
Color	Royal Blue	Royal Blue	Royal Blue



# GOOSENECK MODEL



## WHY A GOOSENECK?

Goosenecks are not for everyone; however, they do have several advantages. Extra load and weight distribution to the tow vehicle insures safer and better operator control. A gooseneck can accept twenty to twenty five percent hitch load, while a bumper hitch can carry only ten to fifteen percent. The hitch weight is placed directly over the rear wheels, any lateral pressure is transferred directly to the ground through the truck tires. A gooseneck is noticeably more stable when traveling curvy roads. Enhanced maneuverability is a real plus! This is especially helpful when backing the trailer or when there is limited space for making a u-turn.

## GOOSENECK SPECIFICATIONS

MODEL	G-12	G-14	G-16
Capacity (lbs.)	12,000	12,000	12,000
Overall width	101"	101"	101"
Deck Width	75"	75"	75"
Deck Length (Inc. 18" ramp)	12' (144")	14' (168")	16' (192")
Deck Material (diamond plate)	3/16" Steel	3/16" Steel	3/16" Steel
Deck Lift Mechanism	Hydraulic	Hydraulic	Hydraulic
Power	12v	12v	12v
Hyd. pump, motor, tank	Yes	Yes	Yes
Axles	Tandem	Tandem	Tandem
Wheels - 8 bolt white spoke	16"	16"	16"
Tires - ST235/85R16-F	16" 12 Ply	16" 12 Ply	16" 12 Ply
Brakes (2 Axles)	Electric	Electric	Electric
Suspension	Rubber	Rubber	Rubber
Coupler - Adjustable	2-5/16"	2-5/16"	2-5/16"
Coupler Height Adjustment	36" - 41"	36" - 41"	36" - 41"
Gooseneck length	84"	84"	84"
Gooseneck Frame	8" channel	8" channel	8" channel
Jack - Drop leg	10,000 lb.	10,000 lb.	10,000 lb.
Lights Rubber mounted LED	Yes	Yes	Yes
Light connection	Plug, 7 Pin	Plug, 7 Pin	Plug, 7 Pin
Weight (lbs.) varies w/opt.	3995	4295	4495
Color	Royal Blue	Royal Blue	Royal Blue





# FEATURES



## AIR SUSPENSION

Unbelievably smooth ride! the system automatically adjusts for the exact weight you are carrying. It even compensates for any side to side weight difference so that you always have a level ride.



## “AIR-FLOAT” AXLES

Heavy duty axles are specially designed for the *Air-tow* trailer and built to accommodate the air suspension. They are mounted with heavy duty tapered roller bearings and can be adjusted for proper camber and tow-in to increase tire life.



## EXTRA WIDE DECK

An extra wide 75" deck, now accommodates larger equipment. Carry 2 scissor lifts side-by-side, drive on that larger Bobcat or extra wide pavement sweeper.



## STEEL DIAMOND DECK

Heavy duty deck plate, along with critical spacing of all chassis members, eliminates floor warpage when carrying concentrated weight such as large “safes”, etc.



## FENDERLESS

No protruding fenders to damage. Chassis design allows maximum deck width while maintaining a legal overall trailer width. No tire exposure makes it legal in all states.



## ADJUSTABLE COUPLER

This 5-position coupler channel accommodates different vehicle hitch heights. It allows you to position the ball or pintle coupler so that a level trailer ride is ensured.



## ADJUSTABLE CHAIN

An improper safety chain length may drag on the ground and become ruined. With the slotted link adjustment, that problem is eliminated.

## POWER COMPARTMENT

This lockable compartment stores the 12V motor, hydraulic pump & tank, 12V deep cycle battery, fuse box, master shut-off switch and wired, handheld controller.



## STORAGE COMPARTMENT

A place to store your tools or tie-downs. This 10" deep, built-in compartment is lockable along with the power compartment.



## “D” RINGS

Eight heavy duty “D” rings are located along the edge of the trailer deck (four are evenly spaced along each side). These rings provide a positive location to secure your load with tie-down straps or chains.



## HEAVY DUTY JACK

A heavy duty jack is bolted to the main tongue member. It features an easy side-wind crank and a quick-adjust drop-leg.



## LED LIGHTING

All lights are the latest state-of-the-art LED's. They are rubber and flush mounted for better protection and longer life.



## REMOTE CONTROL

Operating the deck could not be easier. Press the “UP” button and the hydraulic system will raise the deck in less than 30 seconds. Press the “DOWN” button and the deck will gravity lower at a smooth controlled speed.



## ANTI-THEFT SWITCH

This master switch can turn off the entire trailer electrical system. For security, lower the trailer deck, turn off the switch and lock compartment door. No one can tow your trailer. (Not available on models with rubber suspension.)



# ADDITIONAL FEATURES

## LEVEL - NO TILT LOADING

See the rolling ball? Not with an *Air-tow* trailer!

Many trailers claim loading at ground level but they are still operating with an inclined trailer deck. With an *Air-tow* trailer, you load at ground level and the deck remains level throughout raising or lowering. This eliminates the chances of your equipment slipping or sliding as can especially happen under wet or adverse weather conditions. Your items will remain in place when trying to load multiple pieces.



## EQUAL AXLE LOADS

Broken springs, blown tires, tweaked axles and poor tire wear, are many times attributed to over loading one of the axles. Not all tandem axle arrangements distribute axle loads evenly when traveling over uneven surfaces, such as pot holes or speed bumps.

*Air-tow*'s unique air suspension eliminates any uneven weight distribution. Front and rear axle airbags are connected together with a direct air line. As one axle is raised, increasing the pressure in its airbag, the same pressure is transmitted to the second axle by the direct air line. This causes equal weight distribution on both axles at all times.



## LOADING WHILE UNCOUPLED

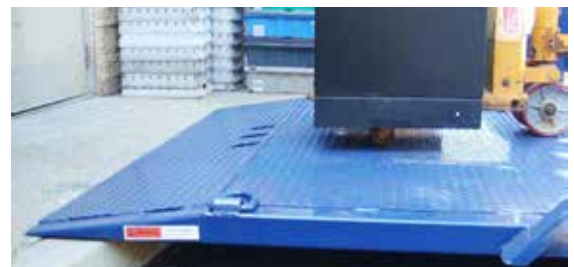
Most trailers must be coupled to the tow vehicle to stabilize while loading or unloading. This is not necessary with the *Air-tow* trailer.

Load in advance and have it ready for pick up or leave at the job site for convenient uncoupled usage. Freeing up the tow vehicle for multi-tasking can add to your bottom line.



## CURB-SIDE USAGE

The *Air-tow* trailer can be loaded and unloaded with the deck at any level. This allows backing up to steps or a curbside and unloading on the level surface. A feature not available with most trailers.



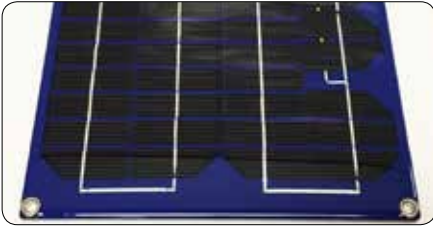
## AIR-FLOAT AXLES

*Air-tow*'s unique swing-arm axles pivot on extra large, tapered, Timkin ROLLER BEARINGS. No plastic guides or spring bushings that will wear out and need to be replaced.

These axles, combined with our self-adjusting air suspension, offer the smoothest riding trailer available with none of the maintenance hassles.



# ACCESSORIES



## SOLAR BATTERY CHARGER

8.5"x8.5", 5 Watt Industrial Solar Charging System. Works with all 12-Volt Lead-Acid Batteries.



## BATTERY CHARGER/MAINTAINER

6 Amp. on-board automatic charger with indicator lights. Plug into 110V outlet for overnight charging.



## WIRELESS HYDRAULIC REMOTE

Control your hydraulic motor with this wireless hydraulic remote. With up to 100' of range, this add-on puts complete control in your hands.



## SPARE TIRE & BRACKET

Mounts neatly & conveniently within the width of the chassis. Tire and bracket available separately.



## TAILGATE

Solid 24" high swinging gate is also removable. Available on utility trailer models only.



## FOLDING RAMP / TAILGATE

Replaces the standard 18" stationary loading ramp. This folding ramp becomes a 24" high tailgate when folded.



## EXTENDED "E" RAILS

These 14" high rails, extend across front & both sides."E" track mounted on both side rails. Ideal for securing tall loads such as safes, vending & ATM machines, etc.



## "E" TRACK SHORING BAR

This steel cross bar is ideal for putting in front and behind your load. The one-piece shoring bar locks into "E" track slots on both sides.



## "E" TRACK STRAPS

Ratchet straps (2" x 12") are designed to snap into the "E" track for perfect tie-down positioning.



## PINTLE COUPLER

Interchanges and replaces the standard ball coupler. Can be adjusted to various heights to ensure level trailer towing.



## WINCH

9,500lb, 12V loading winch with custom front deck mounting bracket. Raises and lowers with deck ensuring a direct in-line pull.



## SURGE BRAKES

Trailer brakes are activated by the tow vehicle brakes. No special wiring required.



## LARGE TOOL BOX

Designed to mount neatly on the trailer side frame. Latch is flush mount and key lockable. Box size is 10" W x 16" H x 24" L. Powder coat painted to match the trailer.



## FRONT RAIL CUSHION

Full width rubber bumper provides maximum protection for trailer and equipment. The 3" x 3" X 75" specially designed bumper is bolted to the front cross member.



## CUSTOM COLORS

Most standard colors are available. Requires additional delivery time.

# AIRTOW... MANY CHOICES / MANY USES

