

Roll-Rite® STS Series

For Transfer and Chip Trailers



Safe, Secure, Automated Tarping
with Arm-Style 'Lock-Down' Systems

Roll-Rite® STS Series for automated tarping delivers unmatched safety, durability, and efficiency. Engineered to fit transfer and chip trailers, our Rite-Lock™ arm technology locks-down your tarp for maximum containment—so you can secure every load and keep your business moving.



A Clarience Technologies Company

Quality, durable components engineered for the demands of trailer tarping.

STS Series tarp systems for transfer or chip trailers may include:



Tarpestretcher® Electric Motor

- Extreme-duty engineered exclusively for side roll tarping
- Patented brake technology for controlled, efficient operation
- Highest output motor for fast, reliable tarping performance
- Glass-filled nylon casing for superior impact resistance
- Virtually corrosion-proof housing with bold, durable profile
- Industry's only 5-year non-prorated warranty against premature wear



Rite-Lock™ Arm Technology

- High-strength, specially treated extruded aluminum alloy arms
- Patented knuckle pivot for smooth, compact side-tarping operation
- Allows axle to climb heaped loads while maintaining constant tarp tension
- Improved control in windy conditions
- Low-profile design keeps operation close to trailer top, reducing overhead hazards
- Lock-Down coverage for maximum load containment and protection



Dual Arm Power Kit

- Includes front power kit arm and patented MultiFlex™ rear arm (details facing page)
- Multi-directional rear arm allows full tailgate operation



Single Arm Power Kit

- Compatible with standard rear bungee-assisted tarp return
- Optional spring-powered rear tarp return available (shown above)



Rite-Touch™ Control

- Standard Rite-Touch rocker control with trailer-mounted enclosure and one-touch wireless controls included
- Weather-resistant enclosure prevents corrosion
- Eliminates need for in-cab switch



Axle Kit (sold separately)

- Axle Kit without Ridgepole is most common
- 3-inch diameter axle provides stiffness for smooth, even operation

Mounting Styles:

Various mounting styles based on trailer needs are available:



Standard trailer mounting bracket included



Wedge nose mounting bracket option (obsolete pivot box shown)

DUAL ARM POWER KIT WITH MULTIFLEX™ REAR ARM

Dual Arm Power Kit For End Dump Trailers contain:

- Rite-Lock™ Dual Arm Power Kit
- One Top Mount Pivot
- MultiFlex Rear Arm Return



MultiFlex™ Rear Arm Features:

(Included with Dual Arm Kit):

- “Multi” Directional Rear Arm Flexibility allows full operation of all tailgates, including standard dump, high lift, barn door, and split gates
- Heavy Duty Cable Design is unaffected by cold and will not dry rot like other products on the market
- Designed for Easy Retrofits. MultiFlex attaches to existing 2” roll pipe via a thick-wall polymer bushing that virtually eliminates wear issues
- Bushing-mounted external pivot with bushings eliminates metal-on-metal contact



SINGLE ARM POWER KIT

Single Arm Power Kit For End Dump Trailers contain (axles sold separately) :

- Rite-Lock™ Single Arm Power Kit
- One Top Mount Pivot



OPTIONS:



Spring-Powered Rear Tarp Return

For Single Arm Power Kits:
#38500/#38510:

- Self-contained, chrome-finished rotary unit powers heavy duty 1-inch webbed strap
- Improved tarp return action with over 3-times the pull-back force of average bungee returns
- Longer life than average bungee returns
- Improved weather resistance. Unlike bungee returns, our Tarp Return is unaffected by cold



Rite-Touch™ Wireless Remote Control

Single Function: Industry's 1st Amp Sensing Technology:

- Opens/closes the tarp automatically.
- Amp Sensing stops the tarp automatically and prevents overwinding of the tarp to protect the system
- Safely and efficiently operate the one-touch feature from the comfort of your cab or from a 360° walk-around position
- Control box features sealed membrane push buttons for backup manual operation and corrosion prevention

Roll-Rite® Tarps



HD MESH

LOAD TYPE

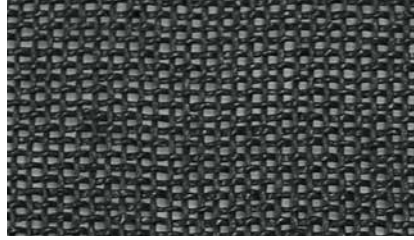
Wood Chips, Waste

FABRIC

15 oz. premium PVC-coated 6x6 weave with three 1300-denier high tenacity polyester threads that form a single 3900-denier strand

KEY BENEFIT

Meets the durability needs of demanding debris



SUPER TOUGH MESH

LOAD TYPE

Challenging Scrap, Refuse & Recycling

FABRIC

Premium 16 oz heavy, 7x7 weave with 7,500 denier UV protected strands of polypropylene breathes enough to minimize flapping

KEY BENEFIT

Users experience 3x-5x the wear life over other scrap/refuse tarps



HD VINYL (18 OZ)

LOAD TYPE

Moisture or temperature sensitive

FABRIC

18 oz. Heavy Duty waterproof vinyl (cold crack resistance -40°F)

KEY BENEFIT

Waterproof material to keep loads mostly dry or maintain temperature range

Proud Members:



LEARN MORE
ABOUT
STS Series:



371-RR-STS-Transfer-Chip-Trailers-4PG-202601

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Automated Covering Solutions

Contact a Tarp Expert:
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