

Roll-Rite® STS Series

End Dump Trailer Lock-Down Tarp Systems



...with Rite-Touch™ Technology



Roll-Rite® STS Series



Electric Motor



Rite-Lock™ Technology



Rite-Touch™ Controls



Axle Kits

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

STS Series Tarp Systems May Feature:

- **The Electric Motor:** **Extreme Duty. Extreme Power. Extreme Impact Resistance.** TarpStretcher® EX is designed exclusively for side roll tarping and features our patented brake technology. TarpStretcher-EX offers the highest output for efficient tarping. Glass filled nylon casing is stronger for extreme impact resistance, designed for virtually corrosion-proof protection, and adds a bold profile to your trailer. Features industry's only 5-Year non-prorated warranty against premature wearout
- **Rite-Lock™ Technology:** Our Rite-Lock power kit arms consist of a specially treated, high strength extruded aluminum alloy. Combined with our patented knuckle pivot technology, the Rite-Lock power kit arm provides smooth, compact operation for side tarping. Standard mounting bracket and one-touch wireless controls included
- **Patented Knuckle Pivot:** Allows axle to climb heaped load and keeps constant tension on tarp for maximum control in wind conditions
- **Low-Profile Arm:** Keeps tarp operation within inches of your trailer top, reducing overhead hazards
- **Lock-Down Coverage:** Offers maximum load protection and containment
- **Single Arm Power Kits:** Can be operated with standard rear bungee assisted return or with our innovative spring-powered rear tarp return (see facing page option)
- **Dual Arm Power Kits:** Kit includes our front power kit arm and our patented MultiFlex™ rear arm with multi-directional arm flexibility for full operation of tailgates (see facing page)
- **Rite-Touch™ Controls:** Rite-Touch Rocker Control with new convenient trailer mount enclosure are standard. New Waterproof Enclosure for corrosion prevention eliminates in cab switch
- **Axle Kits:** Axle Kits sold separately. Our Axle Kit with Ridgepole is the most common axle kit for end dump trailer applications. Our 3-inch diameter axle gives stiffness needed for smooth, even operation. Also available upon request: bows or axle kit without ridge pole

Mounting Styles:

Various mounting styles based on trailer needs are available from Roll-Rite:



- Standard trailer mounting bracket included for mounting power kit to trailers



- Wedge nose mounting bracket option (obsolete pivot box shown)

Dual Arm Power Kit with MultiFlex™ Rear Arm

For End Dump Trailers...

- 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



- MultiFlex™ Arm available for 2" or 3" axles

Single Arm Power Kit

For End Dump Trailers...

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

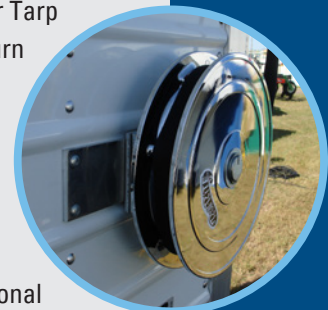
Options: Spring-Powered Rear Tarp Return

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, the Roll-Rite Tarp Return is unaffected by cold



- Optional Rear Tarp Return



Rite-Touch™ Remote Control

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

- Opens or closes your tarp automatically, Amp Sensing stops the tarp automatically protecting system by preventing overwinding of tarp
- Safely and efficiently operate one-touch feature from 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

- Optional Rite-Touch™ Remote Control



End Cap Options:

are available from Roll-Rite:



- Solid (Aluminum): Rigid installation



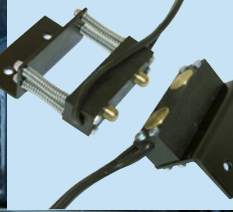
- Fabric: Recommended for most applications



Electrical Accessories



Plugset

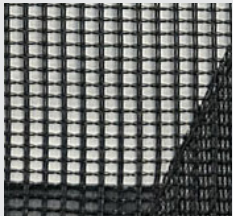


Contact Plate



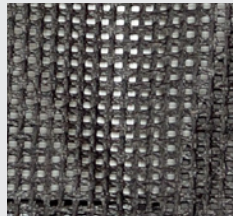
Wire

Tarps By Roll-Rite®



Premium Mesh

- Load Type: Aggregates, General
- Fabric: 7.7 oz premium 7.5x5 weave with two 1000 denier polyester UV coated twisted strands (1500Dx1000D)
- Key Benefit: Premium strength, longer life cycle than industry standard mesh



Premium 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 single 3900 denier strand
- Key Benefit: Meets the durability needs of demanding debris



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



RollRite.com • 800.297.9905

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STS Series on RollRite.com:



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