



## SPIDER SYSTEM FOR DISTRIBUTION

The Sherman + Reilly Spider System is an integrated set of special equipment, special reels, rope, and accessories for the fast and easy installation of pulling lines for the installation of distribution-class conductors.

- Increases productivity by eliminating extra climbs and set up time normally associated with “finger lines.”
- Increases safety and reduces liability and vandalism by eliminating dangling “finger lines.”
- Facilitates concurrent deployment of up to four lines.
- Main elements consist of a positive braking controller, a storage reel, and a Spiderflex Rope.
- Available in two series, S-7500 and S-8500, supporting 3,000 and 6,000 feet of rope, respectively.
- Spider Storage Reel can also be used with a pole mounted winch or line truck for pulling in the pulling line.
- **Maximum working load: 500 lb.**



Spider Braking Controller

## COMPONENTS

- Spider Positive Braking Controllers
  - Brake permits pulling of rope but engages when rope is slack, no overspin
  - Mounts to wood poles with single lag screw, or any material with adjustable chain mount.
- Spider Storage Reels
  - Stores pilot line rope
  - Designed for use with Spiderflex Rope
  - S75SR - 3,000 ft. rope capacity
  - S85SR - 6,000 ft. rope capacity
- Spiderflex Rope
  - Torque-free, non-twisting, splices easily, stays flexible
  - Available in red, green, blue, and black



S-7500



S-8500

## STANDARD SPIDERFLEX ROPE

STANDARD SPIDERFLEX ROPE	
Size	5/16 in.*
Material	Polyester Over Polyolefin
Construction	Single Braid, 12 Strand
Pounds/100 ft.	2.3 lb.
Breaking strength	3,240 lb.
Coating	Polyurethane
Characteristics	Low stretch, torque-free with excellent abrasion and ultraviolet (UV) resistance. Easy to splice.

\* Only 5/16 in. rope recommended for use with Spider Systems



## SPIDER SYSTEM ACCESSORIES

The Sherman + Reilly S-8500 Series Spider System offers the same features of the S-7500 Spider in addition to holding 6,000 feet of rope, which is twice the length of the conventional Spider.

### S-75-WA SPIDER WINCH SHAFT ADAPTER

The S-75-WA winch shaft adapter can be used with a line truck winch and an S-7500 or S-8500 Spider reel to take up Spider rope instead of using a puller outfitted with a hydraulic Spider rewind. The new Sherman + Reilly S-75-WA is manufactured out of steel and is CNC precision machined for a more precise fit. The newer version has less “slop and lope” when pulling in the Spiderflex rope than the older cast winch shaft adapter.



### SST-7585 SPIDER<sup>®</sup> TREE

The SST-7585 Spider Storage Tree is an ideal companion for either the S-7500 or S-8500 Spider Systems. It can store up to four controllers with reels (and rope) and one adapter. Easy to locate in the warehouse and immediately ready to go to the job site. Accommodates either the S-7500 or the S-8500 series complete. The lifting eye allows Storage Tree to be picked up and carried by fork lift and loaded on line truck with boom. The Spider Tree eliminates handling of individual reels and controllers and reduces breakage. Available with or without vinyl cover.

#### FEATURES

- S-85-SR Storage Reel holds 6,000 ft. of 5/16 in. Spiderflex rope.
  - S-85-C Controller accommodates either S-85 or S-75 Storage Reels.
  - S-85-SR Storage Reel will not fit existing conventional S-75-C Controller.
  - S-75-C Controllers can be factory-modified to accept either reel. S+R controllers require no adjustments for braking during operation.
  - S-75-WA Winch Adapter fits either S-85 or S-75 Storage Reel.
- If you have construction requirements for pulls requiring 6,000 feet of rope, the S-8500 Series Spider System is ideal. However, two S-7500-SR Storage Reels (each with 3,000 feet of rope) can be used for pulls requiring 6,000 feet of rope also. This is done simply by connecting two smaller reels together.
    - All S+R S-7500 and S-8500 Spider parts are interchangeable. We have an operator's and parts manual available for your Spider System.



Spider Storage Reel Assemblies with Rope mounted to a pole

### KELLEMS<sup>™</sup> GRIP FOR SPIDERS

Typically, most customers who receive new Spider Reels with 5/16 in. Spiderflex rope will splice a very simple eye in the end of the rope to serve as a connection point. When the installation is finished, the end of the rope (with the simple eye) is attached to the larger 5/8 in. rope on the pulling machine. The method of connection is with a standard pulling swivel. One end of the swivel is attached to the Dua-pull grip on the 5/8 in. pulling rope and the other end directly to the eye splice in the 5/16 in. Spiderflex rope.

The attachment of the 5/16 in. Spiderflex rope directly to the swivel presents a problem: The Spider rope will get excessive wear from being attached to the swivel pin, as well as rubbing on the edges of the slot in the ends of the swivel, and eventually fail if not inspected regularly!

**Solution:** Install a Dua-pull grip on the 5/16 in. rope with two Punch-Lok clamps securely holding the tail. This step will dramatically reduce the potential hazardous condition.

### THE CONNECTION BETWEEN THE TWO ROPES ALWAYS NEEDS TO BE: TWO FLEX EYE GRIPS AND A SWIVEL