

Spider® System for Distribution

The Sherman+Reilly Spider® System is an integrated set of specialty equipment, reels, rope and accessories for the fast and easy installation of pulling lines for 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 sizes, 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

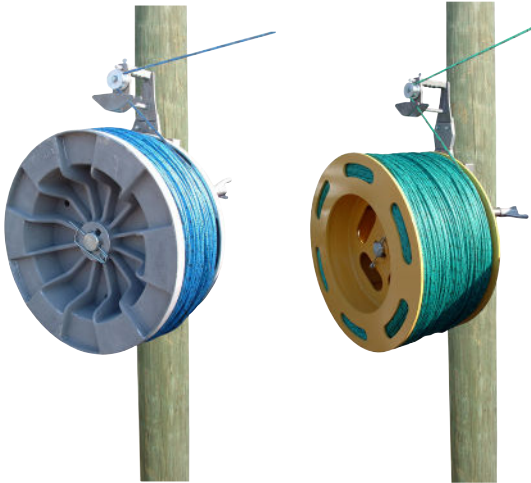
- Brake permits pulling of rope but engages when rope is slack; no overspin
- Mounts to wood poles with single lag screw or any material with adjustable chain mount

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 and stays flexible
- Available in red, green, blue and black



S-7500

S-8500



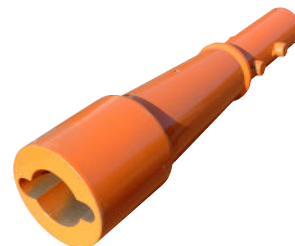
Standard Spiderflex Rope	
Size	5/16 in. recommended for Spider® systems
Material	Polyester over polyolefin
Construction	Single braid, 12-strand
Pounds/100 ft.	2.3 lb.
Breaking Strength	3,240 lb.
Coating	Polyurethane
Characteristics	Low stretch, torque-free with excellent abrasion and ultraviolet (UV) resistance; easy to splice

*Specifications are subject to change

Spider® System Accessories

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 S-75-WA is manufactured out of steel and is CNC precision-machined for a more precise fit. New designs prevent “slop and lope” when pulling in the Spiderflex rope.



SST-7585 Spider® Tree

The SST-7585 Spider® storage tree is an ideal companion for both the S-7500 and S-8500 Spider® systems. It can store up to four controllers with reels (and rope) and one adapter. The lifting eye allows the storage tree to be picked up and carried by forklift and loaded on line truck with boom. This system eliminates handling individual reels and controllers and reduces breakage. It is also available with a vinyl cover for additional protection.

Features

- S-85-SR storage reel holds 6,000 ft. of 5/16 in. Spiderflex rope
- S-85-C controller accommodates both S-75 and S-85 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 both S-75 and S-85 storage reel
- For pulls that require 6,000 feet of rope, the S-8500 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 by simply connecting two smaller reels together
- All S-7500 and S-8500 Spider® parts are interchangeable



Kellems™ Grip for Spider® Systems

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 Spiderflex 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 will eventually fail if not inspected regularly.

The Solution: install a Dua-pull grip on the 5/8 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