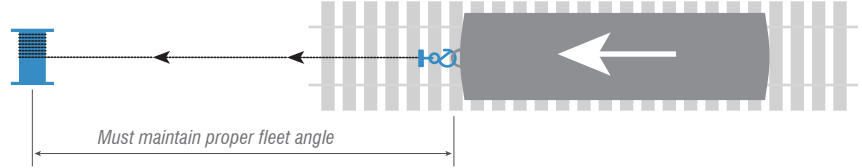




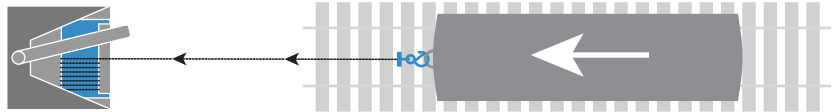
1 Single Direction - Direct Load

- Load is pulled in one direction
- Freespool out to attach to load



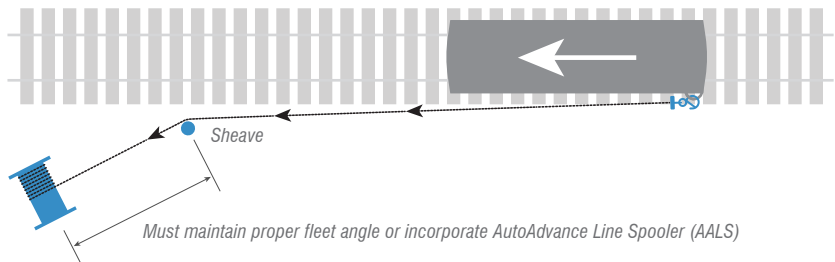
2 Single Direction with AutoAdvance Line Spooler (AALS)

- Load is pulled in one direction
- Freespool out to attach to load
- No minimum fleet angle required



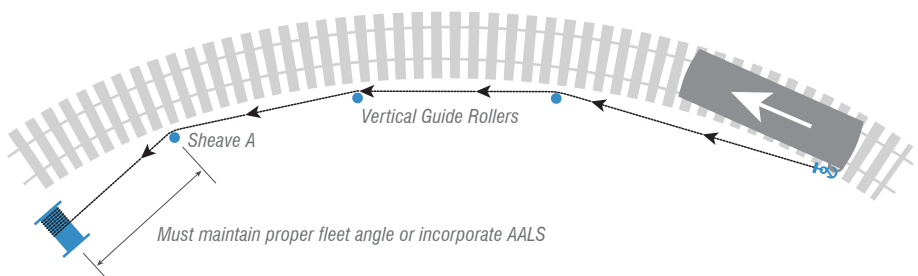
3 Single Direction - Offset with Single Sheave

- Load is pulled in one direction
- Freespool out to attach to load
- Winch is offset to create proper fleet angle



4 Single Direction - Curved Track

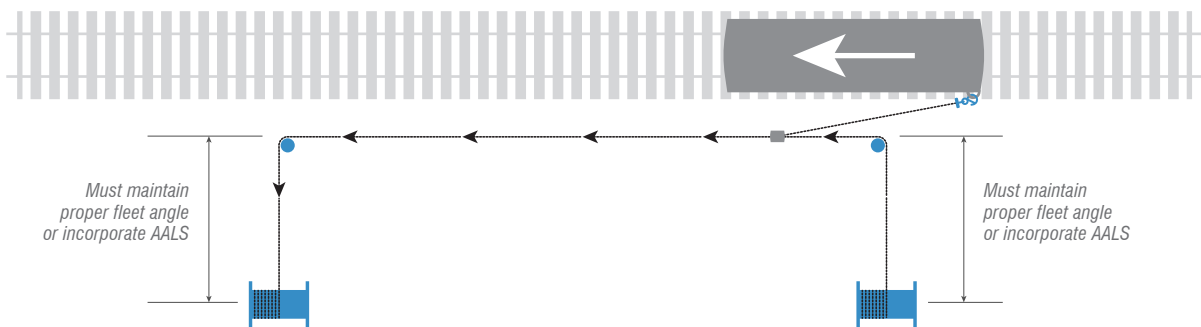
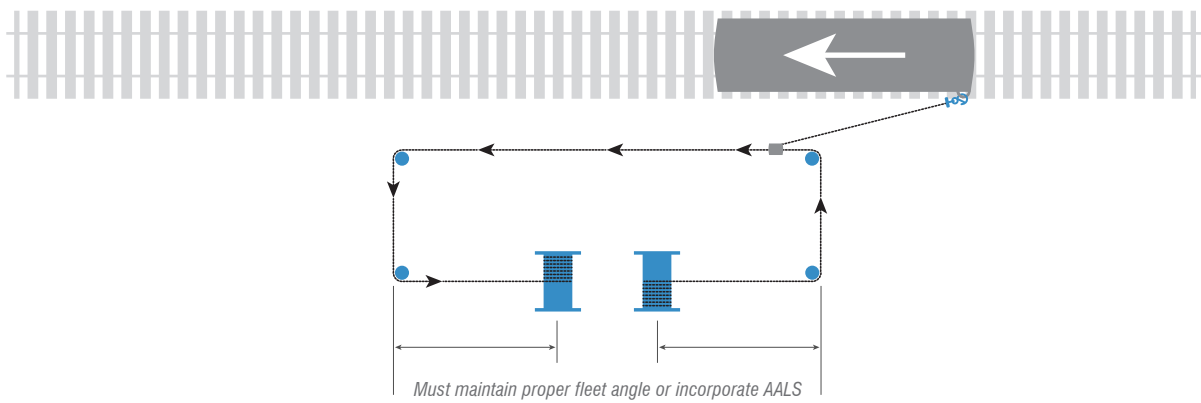
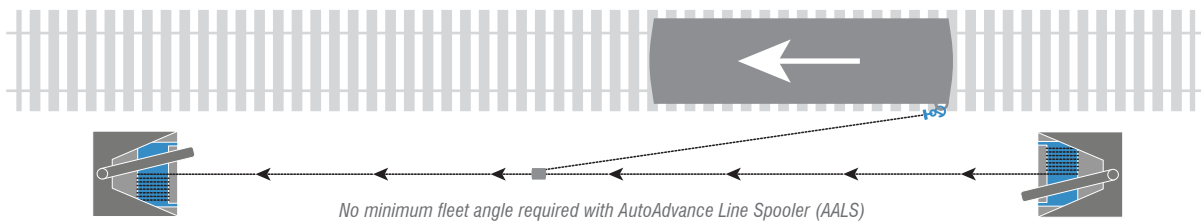
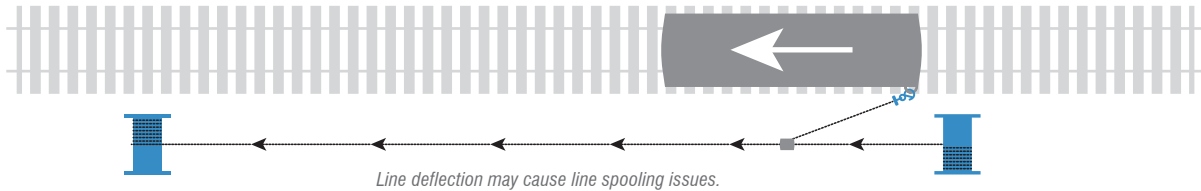
- Load is pulled in one direction
- Vertical guide rollers guide wire rope around curved track
- Freespool out to attach to load
- Winch is offset to create proper fleet angle





5 Bidirectional Dual Winches

- Operation of winches must be coordinated

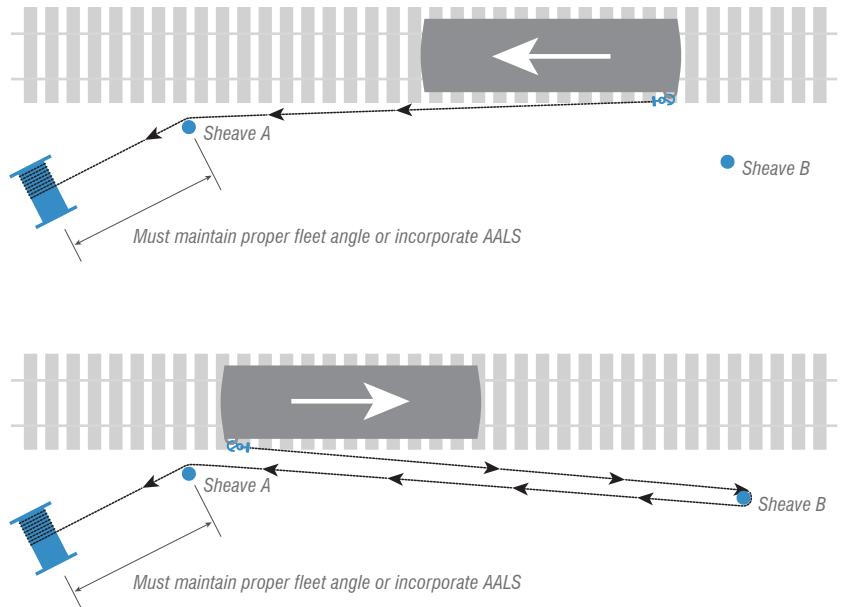


CAUTION: The final determination as to the suitability of this product for any purpose is solely that of the user. APPI products are not to be used to lift people or to lift anything over people.



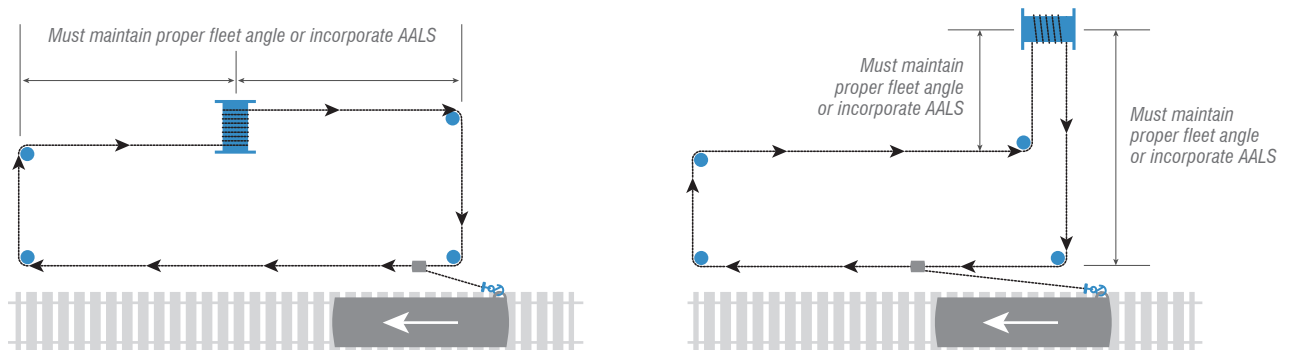
6 Bidirectional - Offset with Dual Sheaves

- Load can be pulled in two directions
- Pull from Sheave A only to pull load to winch
- Pull from Sheave A and B to pull load away from winch
- Freespools out to attach to load
- Winch is offset to create proper fleet angle



7 Bidirectional Single Winch

- Line is pulled in two directions on a single drum



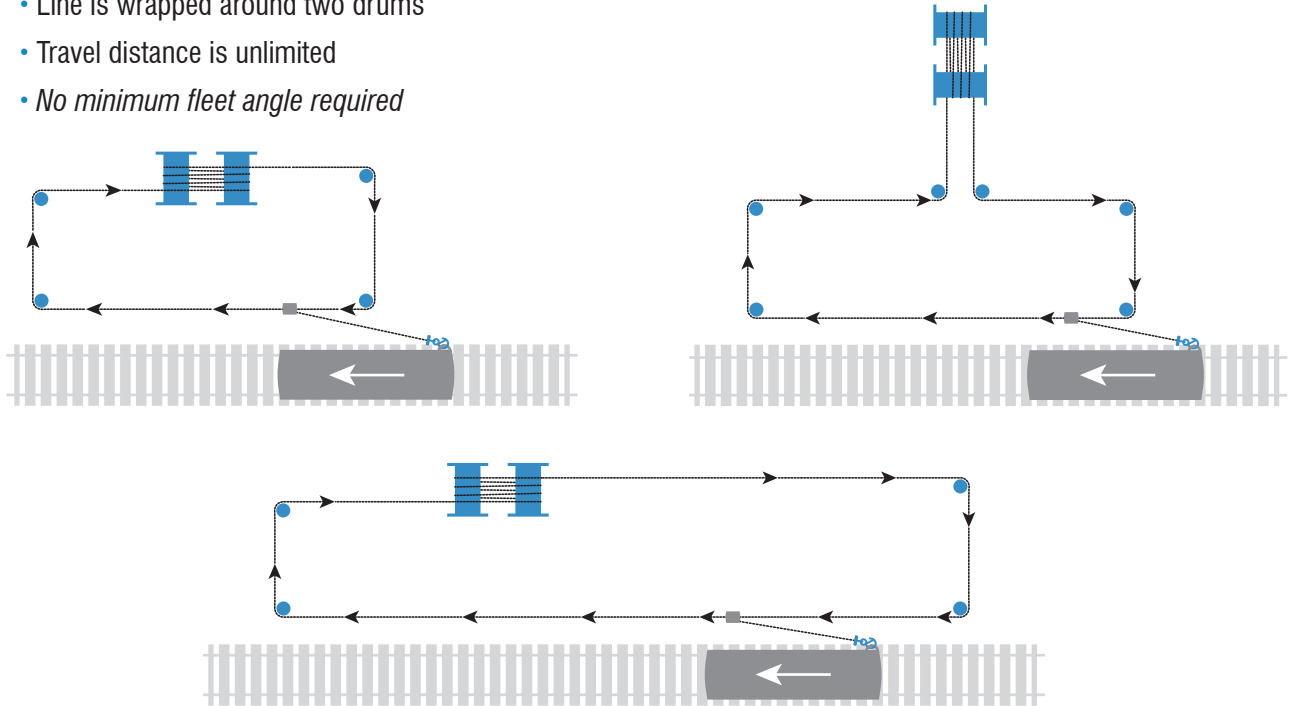
CAUTION: The final determination as to the suitability of this product for any purpose is solely that of the user. APPI products are not to be used to lift people or to lift anything over people.

alliedpower.com

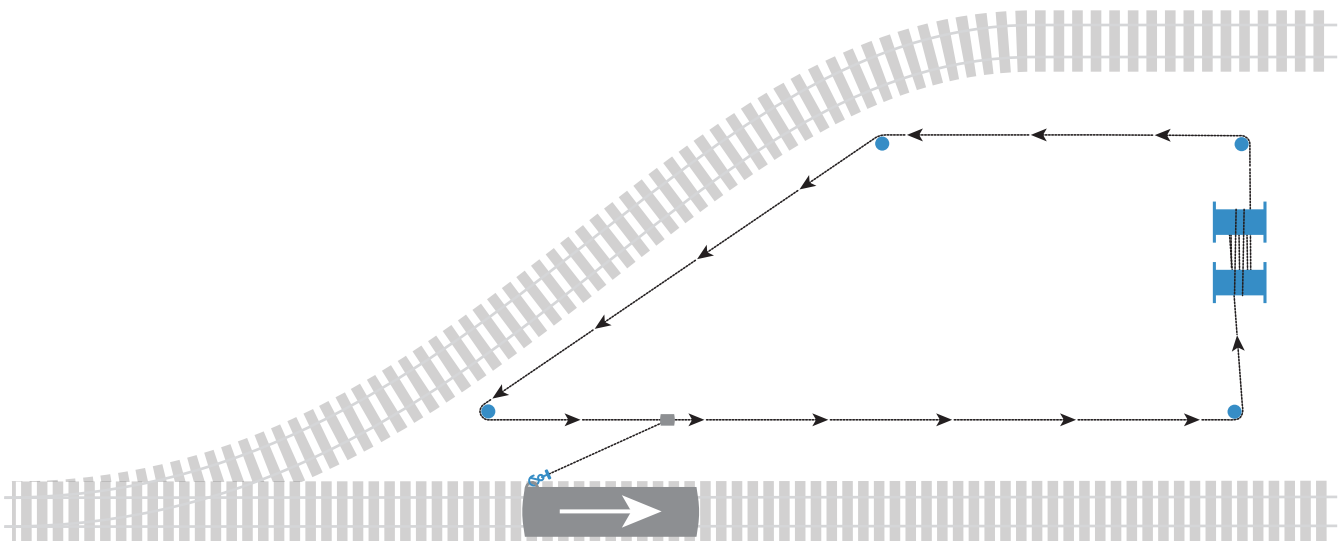


8 Traction Drive

- Line is wrapped around two drums
- Travel distance is unlimited
- No minimum fleet angle required



9 Traction Drive - Split Track



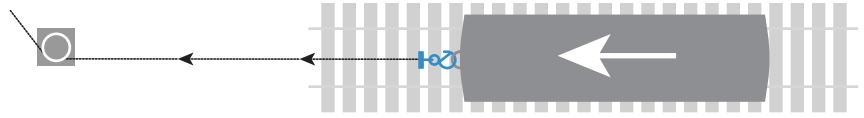
CAUTION: The final determination as to the suitability of this product for any purpose is solely that of the user. APPI products are not to be used to lift people or to lift anything over people.

alliedpower.com



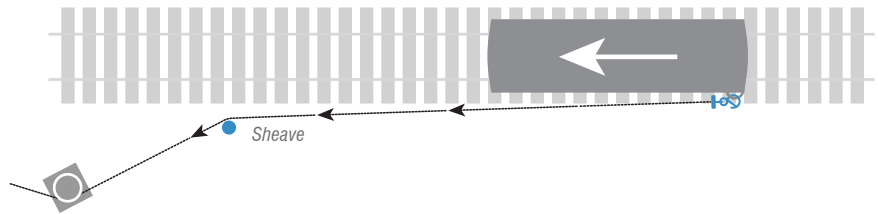
10 Single Direction Capstan - Direct Load

- Load is pulled in one direction



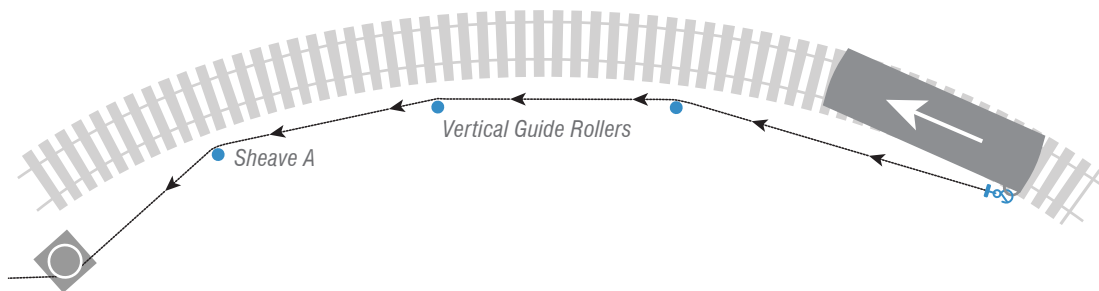
11 Single Direction Capstan - Offset with Single Sheave

- Load is pulled in one direction



12 Single Direction Capstan - Curved Track

- Load is pulled in one direction
- Vertical guide rollers guide line around curved track





13 Bidirectional - Capstan with Dual Sheaves

- Load can be pulled in two directions
- Pull from Sheave A only to pull load to capstan
- Pull from Sheave A and B to pull load away from capstan

