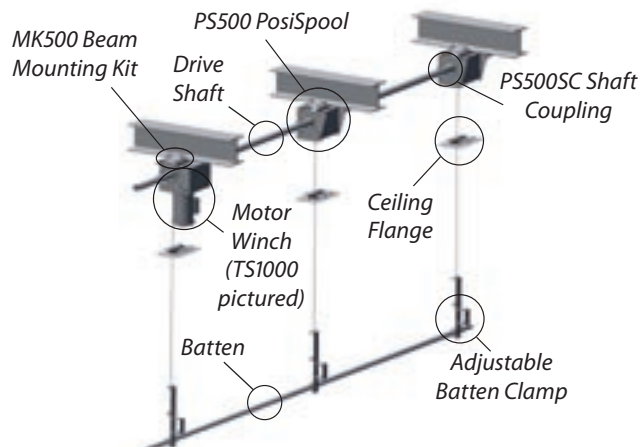


TORKSTAR UTILITY LINE SET



TorkStar and Signature/Series V with Cineflex installation by Troxell, Inc. at Shelton High School, Shelton, WA. Photography © Aaron Leitz, Seattle, WA.



TorkStar is an inherently safe, simple lifting system designed to raise and lower a wide range of products commonly used on stages, in gymnasiums and churches and other public venues. It consists of a motor winch and one or more PosiSpools™, connected by a drive shaft and mounted to the ceiling structure. TorkStar utilizes aircraft cable lift lines with a lifting capacity of 500 pounds each.

TorkStar eliminates the need for stepladders, scaffolding, or lifts to service or change lamps, filters, or other ceiling suspended items.

USE TORKSTAR TO LIFT:

Projection Screens, Lighting, Speakers, Backdrops, Scenery, Draperies, Curtains, Scrims, Signs, Banners, Flags, Chandeliers, etc.

TORKSTAR COMPONENTS:

Contact your Draper sales representative for assistance.

- **TS1000 Motor Winch**—1,000 lb lifting capacity. Includes 50 ft. of cable and one KS2DBL Key Operating Switch.
- **TS1400 Motor**—1,400 lb lifting capacity. Includes one KS2DBL Key Operating Switch.
- **PS500 PosiSpool**—Up to 500lb capacity. Includes 50 ft. of cable and two PS500SC Drive Shaft Couplings.
- **Projection Screen Mounting Kits**—Choose the specific kit for your Draper projection screen. Direct cable mounting kits and batten mounting kits available.
- **MK500 Beam Mounting Kit**—For attaching to steel beam that is perpendicular to the Line Set.
- **TS90 Parallel Beam Adapter Plate**—For attaching to steel beam that is parallel and directly above the Line Set.
- **500BH Adjustable Batten Clamp**—Strongly recommended if you are going to use a batten. One required per lift line. Not for use with Projection Screen Batten.
- **500CF Ceiling Flange**—One per lift line.
- **Drive Shaft**— $2\frac{3}{8}$ " O.D. / 2 " I.D. Schedule 40 pipe. Available from Draper in 21' lengths, or you can source locally.
- **Batten**— $1\frac{7}{8}$ " O.D. / $1\frac{1}{2}$ " I.D. Schedule 40 pipe. Available from Draper in 21' lengths, or you can source locally.
- **PS500SC Drive Shaft Coupling**—Attaches drive shaft to Motor and PosiSpools.
- **KS2DBL Operating Switch**—Single gang double key switch.
- **Electrical Cable Management System**—Assists in providing power to a motorized projection screen. 35' long adjustable industrial-grade precision cable reel. Includes electrical connector and strain relief. UL and CSA Listed.
- **Electrical Cable Management System Beam Mounting Kit**—For mounting cable management system to beam.
- **Motor Test Cord**—6' long with inline 3-position up/down/stop switch.

Full details available at:

<http://www.draperinc.com/go/TorkStar.htm>

US Patent Nos. 5,803,437 and 7,210,645.