

MAT-LIFTING SYSTEMS

Store wrestling mats up off the floor with a Draper Mat Lifter. Three models: Single, Double or Sectional. Each Mat Lifter is constructed of a welded steel frame, with all drive and lifting mechanisms enclosed in a sheet metal housing.

- Stationary or traveling
- Raise and lower Mat Lifters with a key switch control. Limit switches control the range of motion
- Each Mat Lifter has a 210:1 ratio double reduction worm-worm gearbox attached to an instantly reversing 2 hp motor, operating with the choice of 208-, 230- or 460-volts in 3-phase. Includes a 6 lb./ft. electric safety brake.
- 1 $\frac{7}{16}$ " diameter cold-finished steel drive shaft synchronizes cable drums
- The two steel lift cables are $\frac{5}{16}$ " 6-strand, with 37 wires per strand and a fiber core.
- Standard sling color is black; other colors are available
- Continuous straps wrap completely around mat to stop mat from falling should sling become torn. For safety purposes, the sling capacity governs the lift capacity of the system.
- Mat Lifters weigh approximately 2000 lbs.

502020 Single Mat Lifter

- Lifting, lowering speed is approximately 10 ft. per minute
- Supports a standard 45' x 45' wrestling mat (weighing approximately 1 lb./sq. ft.) with a 5-to-1 safety ratio.

502021 Double Mat Lifter

- Lifting and lowering speed is approximately 5 ft. per minute
- Supports two 42' x 42' wrestling mats (weighing approximately 1 lb./sq. ft.) with a 5-to-1 safety ratio

Dimensions, drawings and specifications available at:

www.draperinc.com/go/MatLifter.htm

502019 Sectional Mat Lifter

- Lifting and lowering speed is approximately 10 ft. per minute
- Supports three 15' x 45' wrestling mats (weighing approximately 1 lb./sq. ft.) with a 5-to-1 safety ratio

Traveling Kits

Move your mat from balcony or adjoining storage area to gym floor with a Traveling Kit. Mat travels at ceiling height, either end first or sideways and then lowers to the floor.

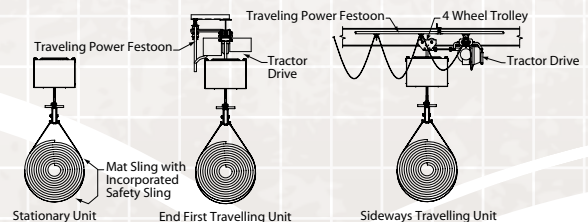
- Driven by $\frac{1}{2}$ hp motor operating with choice of 208-, 230- or 460-volts in 3-phase attached to a 60:1 ratio gear box with non-pneumatic wheel(s)
- The End First Travel Kit has two 1-ton machined trolleys with festooning power cables
- Sideways Travel Kit has four half-ton machined trolleys with festooning power cables
- Motors, drive assembly and all control mechanisms are encased in a fireproof cover



502020



502019 (with Traveling Kit)



SCOREBOARD LIFTER

Let Draper do the heavy lifting when it comes to your scoreboard! Draper can design a system to lift almost any scoreboard used in today's high school gymnasiums. Let us raise and lower your single sided or center mounted four faced scoreboard to change signage, routine service and maintenance or repair. No more need to set up scaffolding or use potentially dangerous lifts or ladders! Draper can handle any scoreboard up to 1,400 lbs.

All systems include properly sized heavy duty winch and one or more cable drums assemblies with integral safety locks. Motor and spool are drive shaft synchronized to insure even and level travel. Scoreboard is lifted by two or more $\frac{3}{16}$ " - 7 x 19 galvanized aircraft cable, each with a 4000 lbs breaking strength for maximum safety. Draper can also provide optional industrial-grade cable management system and Posi-lok safety straps for added safety.



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