

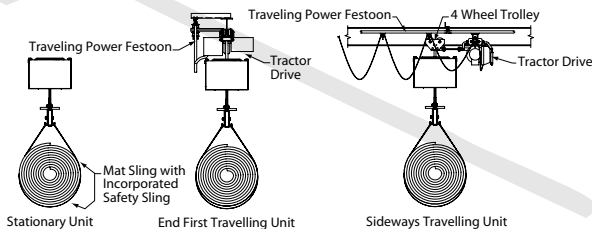
Mat Lifters

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.
- Lifting drums are synchronized for even cable wrap
- 1⁷/₁₆" diameter cold-finished steel drive shaft
- The two steel lift cables are 5⁵/₁₆" 6-strand, with 37 wires per strand and a fiber core. Cables are rated at 1704 lbs. each at a 5-to-1 safety factor.
- Standard sling color is black; other colors are available
- Continuous straps wrap completely around mat to stop mat from falling should fabric sling become torn. For safety purposes, the sling capacity governs the lift capacity of the system.
- Mat Lifters weight approximately 2000 lbs.

502020 Single Mat Lifter

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



Wall-mounted Single Mat Lifter at Tippecanoe High School, Tipp City, OH. Architect: Fanning-Howey Associates, Inc., Celina, OH. Photography: Wayne Williams, Indianapolis, IN.

Dimensions, drawings and specifications available at:
www.draperinc.com/go/MatLifter.htm

502021 Double Mat Lifter

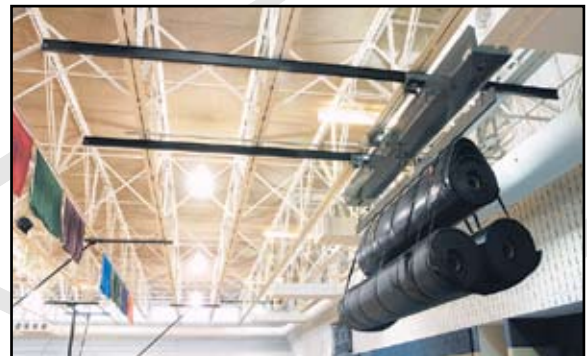
- Lifting and lowering speed is approximately 5 ft. per minute
- Cables are attached to welded frame and pass through sheave blocks attached to the load bar connected to fabric slings
- Supports two 42' x 42' wrestling mats (weighing approximately 1 lb./sq. ft.) with a 5-to-1 safety ratio



Stationary Double Mat Lifter at Evans Brandt Central Schools, Angola, NY. Architect: Mach Architecture, Buffalo, NY. Photography © Michael Cieurzynski, Lancaster, NY.

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



Sectional Mat Lifter with Sideways Traveling Kit, Hartland (MI) High School. Architect: Kingscott Associates, Inc. Photography: Wayne Williams, Indianapolis, IN.

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 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