

SHAW-BOX®
WORLD
SERIES™
TOP-RUNNING
TROLLEY

The Shaw-Box World Series, top-running trolley is a low headroom, heavy-duty design rated for CMAA Class “D” service. These features, along with the faster lifting speeds, precise positioning control -- demanded by industry worldwide -- and a metric capacity rating, make the World Series, the *best trolley buy in the industry*.

Some of the many standard features of the *World Series Top Running Trolley*:

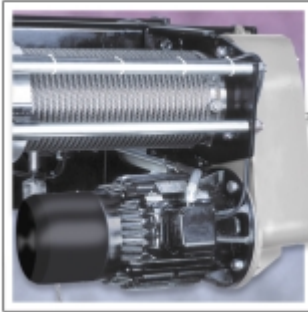
- Designed for Class “D” service, providing long life in heavy applications.
- Low headroom design provides maximum hook travel.
Rope drum grooved to a depth up to 50% of rope’s diameter and provided with a heavy-duty rope guide.
- 200% torque DC disc hoist motor brake provides quick, positive stops and load holding.
- All controls housed in a NEMA 4/12 enclosure with easily accessible components.
- Geared upper and lower hoist limit switch, plus an upper block operated hoist limit switch; meeting the requirements of A.S.M.E.
- Triple reduction hoist gearing easily accessible in an oil-tight gear case.
- Trolley trucks are constructed from thick-walled tubes.
- Trolley wheels are flat-tread, machined steel, hardened to 400 - 450 BHN to run on ASCE or square bar rail.
- High impact bumpers are standard on all four corners.

WORLD SERIES STANDARD FEATURES



SHAW-BOX

Low Headroom Design



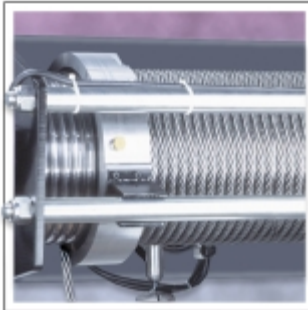
Hoist Gear Case & Motor

Triple reduction hoist gearing is oil bath lubricated, operating in an oil-tight, vacuum cast aluminum gear case. The gear case is conveniently located to allow ease of access in the air, while providing a low headroom design with maximum lift. The motor is two-speed with a 6:1 ratio from high to low speed; giving a low speed for precise load handling and a high speed for fast throughput.



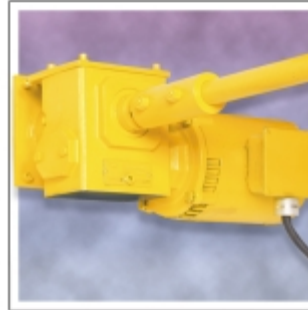
Block Operated Limit Switch

The hoist is provided with a block actuated upper limit switch, meeting the requirements of A.S.M.E. B30.16. The limit switch is actuated by contact with the lower block, preventing double blocking, possible rope breakage and load drop. Also included is an upper and lower geared limit switch.



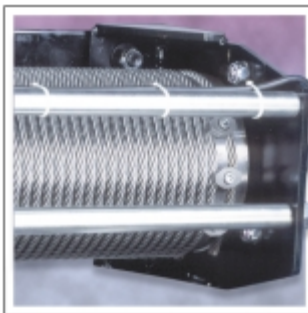
Wire Rope Drum & Rope Guide

The wire rope drum is machined from high-quality steel, grooved to a depth equal to 50% of the rope's diameter, with a rope guide to help ensure the rope stays in the grooves.



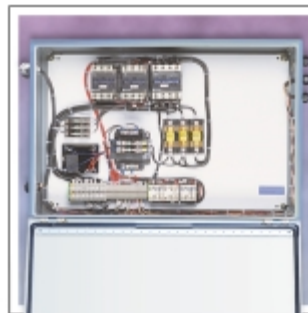
Trolley Traverse Drive

Two wheels are driven; one on each side of the trolley for maximum traction and uniform tracking. Traverse motor drives a right angle worm gear reducer for smooth starting and stopping (within OSHA required distances) without requiring a brake. The gear reducer turns a drive shaft, which turns a geared wheel and pinion arrangement on each side of the trolley for consistent tracking.



Drum, Reeving & Lower Block

Hoist is reeved to a low-headroom design lower block for minimum headroom and maximum lift. Wire rope is secured to the drum with three heavy ductile iron clamps and designed to have three extra wraps of wire rope on the drum with the rope at full extension (low hook).



Control Panel

Hoist and trolley controls are housed in a common NEMA 4/12 control enclosure; with generous space for ease of inspection and service. Controls use only the highest quality components and are designed to meet NEC standards for maximum life and easy service.

For additional information, contact your Lift-Tech representative or Lift-Tech headquarters direct.

LIFTTECH



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WARNING

To Avoid Injury:

- Do not exceed working load limit, load rating, or capacity.
- Do not use to lift people or loads over people.
- Read and follow all instructions.