

Zero-Fleet Hoist

INTRODUCTION

Inline hoists are the most flexible and efficient type of motors that Texas Scenic Company offers. The inline hoists is constructed in such a way that there are zero fleet angle problems. This motorized hoist works by turning the lift lines 90° and then wrapping them around a self-contained drum with dual brakes to ensure reliable stops and secure holds for long periods.

Inline hoists offer flexible mounting options, either on the wall or underhung. These types of hoists are often referred to as package hoists because they include the head block, drum, motor, gearbox and limit switches all in one unit. They do not require the use of counterweights and have optional fixed or variable speeds available.

MAINTENANCE/INSPECTION

Due to the design of the inline hoist motor and the high quality of the gear motors installed, the system is very low maintenance. However, normal inspections should be done at regular intervals, and especially before heavy use.

The following should be done as often as necessary, but not less than once a year:

- Check for leaks or signs of oily residue on motors.
- Check motor mounting bolts.
- Check bearing bolts.
- Carefully run system from up limit to down limit to verify correct limit switch operation.
- Check cable retainers for signs of movement or looseness.

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DEPENDABLE

- Dual motors, dual gearboxes and dual brakes to ensure reliable stops and secure holds for long periods.
- A single, solid shaft connects dual motors, dual brakes and drum for redundant operation.
- Redundant limit switches and emergency stop functions.
- Starters and drives are U.L. listed.

APPLICATIONS

- For use in all venues providing safe and convenient set and scenery movement.

FEATURES

- A range of speeds and lifting capacities are available, with fixed or variable speed operation.
- Configurations are available with 3/16" and 1/4" cables to meet your lift requirements.
- Horizontal or vertical mounting to meet your system layout.

CONTROL SYSTEMS

- Pushbutton back up provided on all systems.
- Texas Scenic Company's Deck Boss® Control System console. (optional)
- Slack line and load monitoring (optional) to work with the Deck Boss® Control System
- Other control options available



SPECIFICATIONS

Speed	15 to 60 fpm fixed speed, 0 to 180 fpm variable, custom speeds available
Hoist Capacity	1200 pound and 1800 pound standard capacities, custom heavier units available
Lift Lines	Available in four, five, six, seven and eight configurations
Height	Travel up to 65 ft. standard, other travel heights available
Power Requirements	3 Phase, 208 volt or 480 volt power requirements