

**NOTE TO SPECIFYING ARCHITECT REGARDING SECTION 11081
AUTOMATED THEATRE HOISTS INCLUDING
INTEGRATED LIGHTING CIRCUITS**

Automated theatre hoists are frequently used for fore-stage lighting position when a catwalk for the front spotlights is not in the design.

They are also used for the parallel rows of lighting over the stage.

The automated theatre hoist specification is completely integrated and includes the motorized winch, the pulleys and cable and pipe battens, as well as the plug-in strip and the retractable feed cables that are required when the front spotlight position is lowered to 5 ft. above the auditorium floor. As the batten is raised, the ribbon feed cable is folded as required.

This item should be in the stage rigging equipment and deleted from the prime electrical specification. (For maximum cost efficiency).

Spotlight fixtures are portable and are not included in the specification.

For clarification or assistance call 1-800-548-8982; no charge, of course.

SECTION 11081
AUTOMATED THEATRE HOISTS INCLUDING INTEGRATED LIGHTING
CIRCUITS

- A. Furnish and install a total of _____ automated theatre stage lighting hoists, including integrated lighting circuits, each of which complies with the following: (12) 20 ampere circuits, stage pin connectors, 2 pin plus ground per circuit; 120 volt; self folding flat cable system with top distribution box. Total lifting capacity of the winch unit shall be 780 pounds with a net safe working load of 520 pounds. Lift cables shall be built into the system and delivered to the job as an integrated system including the motorized winch; the 7x19 galvanized preformed aircraft cable, the distribution box, the flat folding multi-conductor cable, the plug-in connector strip, and the fixture pipe batten (24ft.). The unit shall be supplied with a main switch, lugs for motor and control connections, diverter pulleys, and terminal block for load current connectors at the plug-in strip and with gridiron junction boxes for bolting to the roof steel with lugs to connect the 12 circuits (24 conductors plus grounds). Double limits for top travel and bottom travel shall be supplied and installed and 3 button control switches shall be provided for installation by the prime electrical contractor. Furnish and install unistrut system of equal length and bolt or clamp to roof steel with ½ inch grade 5 bolts. Provide loft blocks and all miscellaneous hardware required for a complete functioning system. System shall be Janson-Desisti Automated Underhang Integrated Theatre Lighting System (1-800-548-8982).

END OF SECTION

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