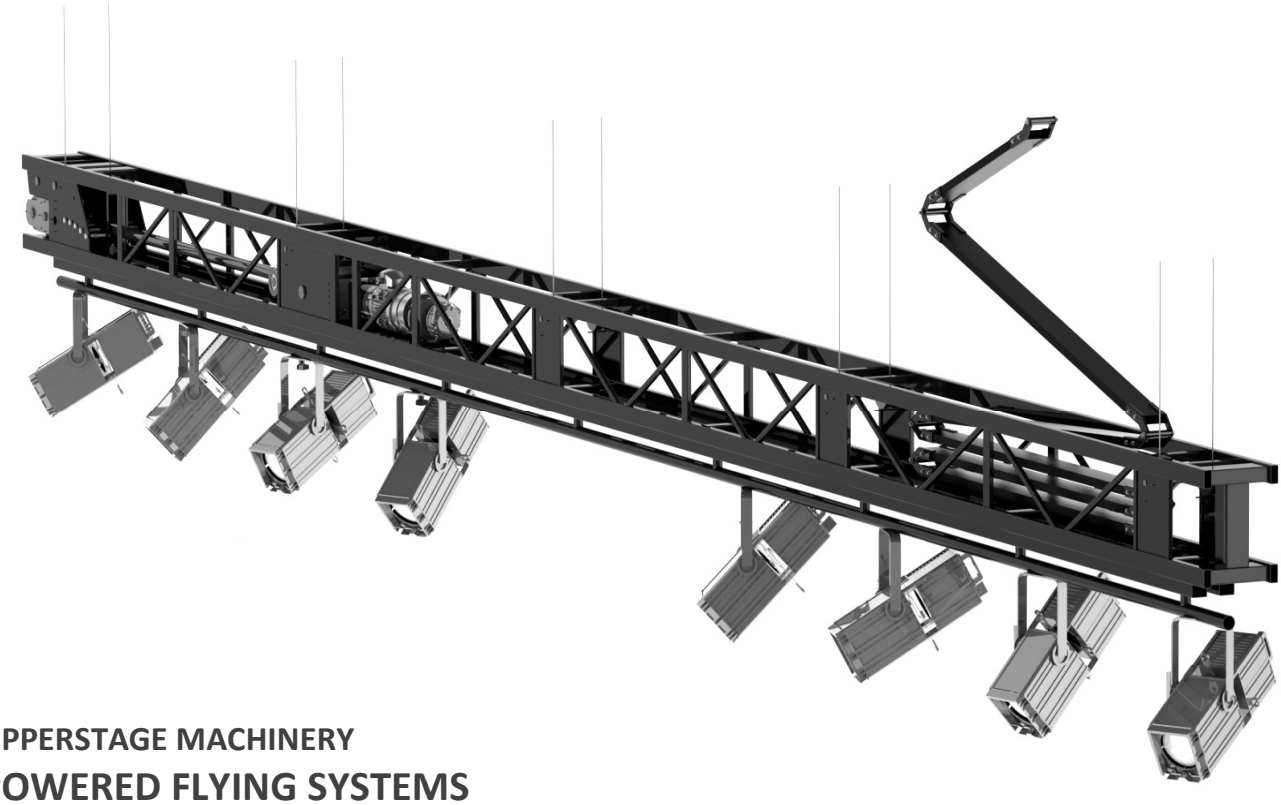

UPPERSTAGE MACHINERY

POWERED FLYING SYSTEMS

LIN Hoists

Low profile
Solving the work at height issues

Featuring a minimal section and ensuring a very clean and nice to see installation, LIN self-climbing hoists excellently solve the problem of rigging where the use of a common winch would imply work at height issues.
An ideal choice for FOH applications, where a low profile solution is highly desirable.

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LIN Hoists

LIN hoists are self-climbing systems suspended by means of two opposite sets of independent lines, leaving the machine and connected to the anchoring points without any further diversion.
Thanks to the totally independent suspension lines, **LIN hoists offer high stability, also with uneven and off-centre loads**.

KEY ADVANTAGES

Low profile LIN hoists have a minimal section and an open style frame you can see through. What you can notice has a very technical appeal. That makes LIN hoists perfect for FOH applications.

Tidy installation LIN hoists are cleverly designed so that everything is included in their narrow frame. Cable management is realized with a pantograph system which perfectly fit within the frame when the hoist is up.

No need of a machinery room Anchoring points are the only thing required for the installation of a LIN hoist. All that is required for lifting the system is within the hoist itself.

Work at height issues completely solved LIN hoists are a better alternative to common flying systems when scaffolds or ladders would be required to reach the winch. The self-climbing technology allows to have the whole machine lowered not only for hanging the lighting fixtures for the show but also for maintaining the hoist.

CUSTOMIZABLE SOLUTION

Depending on the application, LIN hoists can be configured and adapted to meet the specific performances required. **The only unchanged things will the low profile and the nice and tidy installation offered by this solution.**

The length of the hoist, the number and the position of the suspension lines, the load capacity and the speed can all be adjusted to perfectly fit the requirements.

MAIN FEATURES

LIN hoists are developed and manufactured according to the European standards and the international guidelines for stage engineering and machinery (DIN 56950, FEM 9.756, BGV C1, etc…) and they go with EC Declaration of Conformity according to Machinery Directive 2006/42/EC of the European Parliament.

High safety factors Faults are excluded by applying high safety factors as a standard rule. All components between the load and the brakes are always designed for a minimum of two times the rated load.

Double-brake LIN hoists are always equipped with two independent brakes, each able to safely stop the load.

Double limit switches Movement of the system is limited by means of two travel switches. Two over-travel switches, with separate and redundant circuits, stop the winch in the event of a failure of the first switches.

Out-of-service descent Thanks to an independent system, it is possible to lower the hoist by gravity in the event of a control failure.

Low-maintenance All components are designed to perform a working life of 400 hours at full speed and full load and to be maintenance-free.

Control system LIN hoists naturally go with entry-level push button control solutions but they can also be configured to be used with top-level control systems.

Configuration example:

LIN350 - 1.5 kW power - WLL 350 kg at 0.08 m/s
8 m travel - 5 + 5 steel wire ropes, Ø5 mm
Main frame size: 292 x 376 x 11000 mm - Self-weight: 550 kg

ALFA SYSTEM Sas
Via Marco Bressan, 14 - 35042 Este PD - Italy T +39 0429 2820 E info@stagesystem.it
www.stagesystem.it
ALFASYSTEM
.STAGE MACHINERY .ENGINEERING