ZLP Temporarily Suspended Platform

ZLP800

Rigid "ZLP800" Temporary Suspended Platforms to Customers Spec. Many Optional Capacities, Platform Size, Controls and Height Of Lift.

Description

ZLP800 platform is intended for temporary applications for lifting people and their working equipment - at unlimited heights.

It is designed particularly for heavy applications on facades, chimneys, silos, bridges etc.

The complete system consists of the working platform equipped with two electric LTD hoists and the support wheels, suspended by means of steel wire ropes from a suspension structure.

Safety systems

To ensure safe operation without danger to personnel, the platform is fitted with the following safety devices:

- Service brake incorporated in the LTD hoist.
- Two fall arrest devices (Anti-tilt LSF safety lock) acting on the safety wire ropes.
- Overload sensor incorporated in the LTD hoists according to EN 1808. (Option)
- Two upper limit switches.
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Technical Information

No power descent in case of power failure.

Emergency stop.

Phase controller. (Option)

The main para. Of ZLP800 suspended platform:

- Rated Load: 800kg
- Lifting Speed: 9.3m/min
- Voltage-3Phase: 380V/ (415V/220V)
- Frequency: 50Hz/60Hz
- Power: 1.8kw×2
- Hoist: LTD80
- Safety Lock: LSF309
- Dia. of Wire Rope: 4×31SW+FC-9.1mm
- Platform Size: (2.5×3)×0.76×1.45m
- Weight of Suspension Jibs: 340kg
- Weight of Lifting Part: Aluminum340kg/Steel 520kg
- Counter Weight: 1000kg
- 20’ GPQty of Package: 8
**Platform Suspension**

The different variants are to be distinguished by their suspension principles. Three different stirrups allow to choose the platform the best to your requirements (type of work, type of building, maximum loads, number of persons).

**End stirrup:**
Fitted at the ends of the platform.

**Advantages:**
The most economical and lightweight version, although showing extraordinary performances.

"Frame" stirrup:
Slipped over the platform like a "frame".

**Advantages:**
The ends of the platform and the building corners are clear and can be easily accessed, exchangeable with the upper part of the end stirrup.
"L" stirrup:
Placed at the rear of the platform behind the workers.

Advantages:
The working surface is completely clear and the whole façade can be easily accessed.

**Anchoring Options**

The platform applies to all types of suspension which are manufactured according to the current standards and recommendations. The EN 1808 stipulates a safety factor of 3 for anchor points and suspension structures. Rigid offers a complete range of suspension structures which can be fitted on different types of roofs: the suspension jibs or the parapet clamp.

In most applications, it is possible to use a system of mobile suspension jibs in the roof for the attachment of temporary suspended platforms.
The ZLP platform can be easily transformed into a double-deck platform using especially designed attachment rods.