

ACCESS SYSTEMS POWER LIFT

DESCRIPTION | DECISIVE ADVANTAGES



Power lift allow comfortable and secure access to the service platform of large, high lighting masts.

The power lift is made of an aluminum cage, a guidance system (articulated frame or rail system), an elevator winch system and a safety braking system on a separate cable. In case of failure of the elevating winch or cable, the cage is safely held by the braking cable.

The power lift may equip any kind of high mast (minimum top diameter 298 mm), up to a height of 45m: guidance system with articulated frame on vertical masts (maximum bottom diameter 3000 mm), or rail-based guidance system on tilted masts (up to 15° forward or 10° backward), without limitation of the bottom diameter.

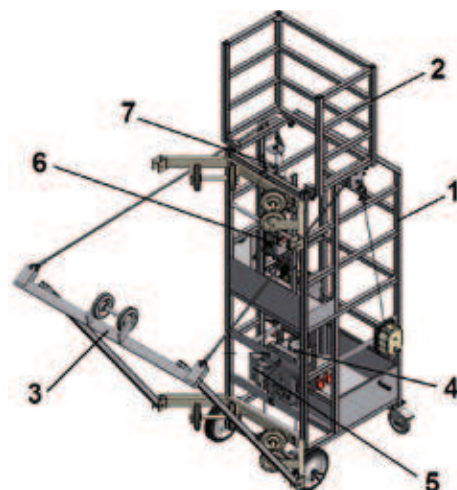
Both elevating and braking cables are placed along the mast before using the elevator, and taken away after usage: when not in use, the cables do not remain on the mast (better esthetics, no risk of vandalism or other kind of damage to the cables).



TECHNICAL DESCRIPTION

- 1 Aluminum cage, for up to 2 persons and their equipment (240kg max.)
- 2 Upper cage for secure access to the service platform at the top of the mast
- 3 Guidance system, with articulated frame or rail system for tilted masts (not on the picture)
- 4 Three-phase electric winch (400V-50Hz) with disc brake and emergency descent
- 5 Fall protection braking system (automatically triggered in case of excessive speed) on a separate cable
- 6 Control box and security control (phase order control, load limitation control)
- 7 Upper limit switch

The cage is fitted with an electric socket to power the maintenance equipment at the top of the mast.

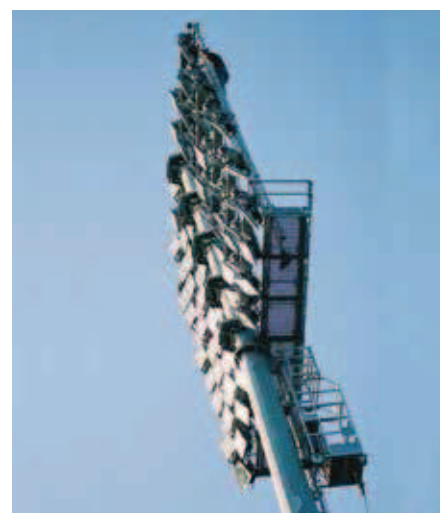


CONFORMITY

For sales in Europe, power lift cages must bear the "CE" marking.

The system was reviewed according to the EC-type examination procedure for systems intended for lifting persons above 3m, under the control of a notified body, which delivered the following EC-type examination certificates:

- N° 0526 5206 760 06 12 1002 for the elevator cage with guidance system by articulated frame
- N° 0526 5206 760 06 12 1001 for the elevator cage with guidance system by rail system



ASSOCIATED SERVICES WITH THE ELEVATOR SYSTEM

Warning: power lift cages are designed to lift 2 persons up to 45 m.

The following services are offered by Petitjean Service:

- Technical support for on-site cage assembly and installation
- On-site assistance for correct use of the elevator system
- Maintenance contracting