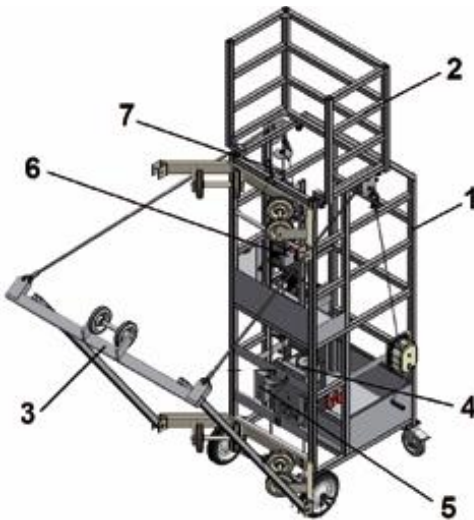




Power lift allows comfortable and secure access to the service platform of large, high lighting masts. The power lift is made of an aluminum cage, a guidance system (articulated frame system), an elevator winch system and a safety braking system on a separate cable. In case of failure of the elevating 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 300 mm), up to a height of 50 m: guidance system with articulated frame on vertical masts (maximum bottom diameter 3000 mm). 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).



POWER ELEVATOR TECHNICAL DESCRIPTION

- 1 Fitted Aluminum cage, for up to 2 persons and their equipment (250 kg max.)
- 2 Upper cage for secure access to the service platform at the top of the mast
- 3 Guidance system, with articulated frame – up to 45m mast height
- 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
- 8 The cage is fitted with an electric socket to power the maintenance equipment at the top of the mast.