CATENARY MOTORIZED ROAD-RAIL ELEVATOR

OPTIMA 300





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Your key benefits

- Simultaneous access to the catenary (wire and carrier) and to the whole support in all configurations
- Allows catenary components to be changed in a single operation
- Easy to use thanks to the on-screen interface
- Comfortable loading of the basket from ground level
- Independent tilt compensation between basket and platform (optional)
- Stabilizers for possible work off the track
- Oscillating railway axles for safe travel on curves
- Possibility to transport 2 OPTIMA 300 on a ramped trailer



29.53 ft. (9 m)

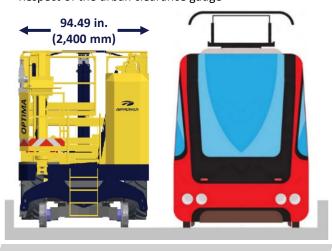
Specifications

Spoo	
Rail propulsion	Hydrostatic (4 motors)
Track gauge	56 in. (1,435 mm)
Maximum cant	7 in. (180 mm)
Maximum rail gradient	70 ‰
Maximum road gradient	60 %
Minimum curvature radius	131 ft. (40 m)
Diesel motorization	Engine xxx 54 hp (55 kW)
Maximum payload of the basket	584 lbs (265 kg) / 2 pers.
Maximum payload of the platform	Position 1: 661 lbs (300 kg) / 2 pers.
	Position 2: 265 lbs (120 kg) / 1 pers.
Maximum cradle working height	41 ft. (12.6 m)
Maximum cradle working offset	24 ft. (7.2 m)
Safety	 Earthing pantograph with selector switch Safety systems to respect track limits Obstacle deflectors



Main features

- High capacity elevators for comfortable working even behind poles (load / height / offset capabilities)
- Compliance with the most stringent approvals (NF 58002, EN280)
- Respect of the urban clearance gauge



Options (non-exhaustive list)

- Tilting wire boom
- Electrical generator 230 V
- Height measuring device
- $^{\circ}\,$ Lifting winch in elevator (150 kg) in basket
- Equipotentiality poles
- Removable bracket-holder
- Access ramps
- Protective cab for operator
- Electrical insulation of elevators (≤1,500 VDC)