

# CATENARY MOTORIZED ROAD-RAIL ELEVATOR

OPTIMA 300

*Performance and agility  
Catenary maintenance technology*



*Designed to meet catenary access requirements*

*Quick and safe on/off-tracking*

*Off-road mobility*

*Easy to use and ergonomic*



# CATENARY MOTORIZED ROAD-RAIL ELEVATOR

## OPTIMA 300

### 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

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	<ul style="list-style-type: none"> <li>• Earthing pantograph with selector switch</li> <li>• Safety systems to respect track limits</li> <li>• Obstacle deflectors</li> </ul>



### 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

94.49 in. (2,400 mm)



### Options (non-exhaustive list)

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