



GOLDSCHMIDT

Smart Rail Solutions



LRB®18 TC 10-1T2 HYBRID

**DESIGNED FOR YOUR
OVERHEAD LINE WORK**

The LRB®18 TC 10-1T2 Hybrid is a road-rail vehicle for overhead line work. It includes a hydrostatic drive unit and a turnable railway bogie for switching between road and rail. The vehicle can operate on battery power, allowing work to be performed with the diesel engine switched off. This reduces fuel consumption, emissions, and noise during operation.

TECHNICAL DATA

SPECIFICATIONS

Chassis	Volvo FE
Dimensions (L x W)	10.3 x 2.55 m
Height on road	3.6 m
Height on rail	3.9 m
Gross vehicle weight	18 000 kg
Payload	1 000 kg
Rail drive	Hydrostatic
Speed on rail	60 km/h
Speed on road	90 km/h
Battery operation time	7 hours, 30 minutes
Charging time 400V 16A	8 hours

BENEFITS

- Transfer between road and rail in less than 2 minutes
- Easy access on 5 metres wide crossing
- The platform has tilt correction (TC) which ensures that the basket is always level, which gives significantly improved working conditions in a cant
- The display in the basket shows load in real time, position and allowed working area (RTPW)
- The sound level from the machine is 68 dB which is 7 dB lower than normal diesel operation
- Reduced CO₂ emissions during battery operation

PLATFORM SPECIFICATIONS

Aerial platform type	KLL 10-1T2 with TC and RTPW
Basket load	500 kg or 3 persons
Basket dimensions (L x W)	2.0 x 1.1 m
Working height	13 m
Tilt correction	180 mm cant
Wind speed	12.5 m/s

OPTIONS

- Pantograph with height and length measurement system
- Video monitoring height/stagger and running distance
- Wagon brake type or duomatic brake type
- Generator 230 V – 3,5 kW
- Steerable front axle for narrow curves
- Changeable hub wheels
- Block brakes on bogie
- More options are available

