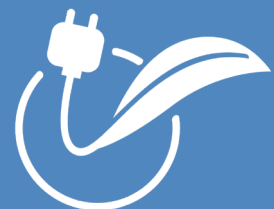


RAILWAY INSPECTION TRAINS  
COMPACT AND VERSATILE WITH HYBRID TECHNOLOGY



**RT-I**

*RT-I Railway Inspection train.  
Multi functional hybrid technology dual cabin  
vehicle suitable for carrying out inspections,  
surveys or measuring activities on a variety  
of Mainline and Urban Railway systems.*



### Product description:

The RailTechnology RT-I is a compact and state of the art self propelled rail bound vehicle suitable for carrying out surveys, inspections or measurements on a variety of Mainline and Urban Railway systems. The on-board hybrid power technology allows for emission free running and is therefore extremely suitable for use in densely populated areas and Tunnel/Underground environment. The RT-I allows for installation of a large number of measuring systems but can also be used for carrying out track surveys or moving equipment to and from worksites.

### Applications:

- Track inspections
- Rail measuring
- Power/traction for wagons
- Multi purpose tasks

### Main characteristics:

- Fits in nearly every loading profile
- User friendly, easy to operate and maintain
- Clean emissions through hybrid powerpack
- Electric traction
- Suitable for any Railway including deep tunnel environment
- Can be fitted with various types of measuring instruments
- Dual cabin
- Robust yet light weight design
- Easy to transport



### TECHNICAL DATA RT-I

Length	7.000 mm
Width	2.300 mm
Height	2.850 mm
Weight	~20 t
Axle loads	10 t
Track gauge	1435 mm (other gauges optional)
Travel speed	Up to 60 kph
Min Curve radius	30 m
Power source	Hybrid with 55 kW Diesel engine EU stage V ~ 30kWh Li-Ion battery
Traction	Electric traction motor 70kW, water cooled and temperature controlled. Electric regenerative braking
Braking	Electric, direct air, emergency and parking brake systems incorporated (failsafe spring applied brake cylinders)
Standards	EN15955/EN45545
Safety features	Deadman's control system, fire suppression, battery management (other systems on demand)