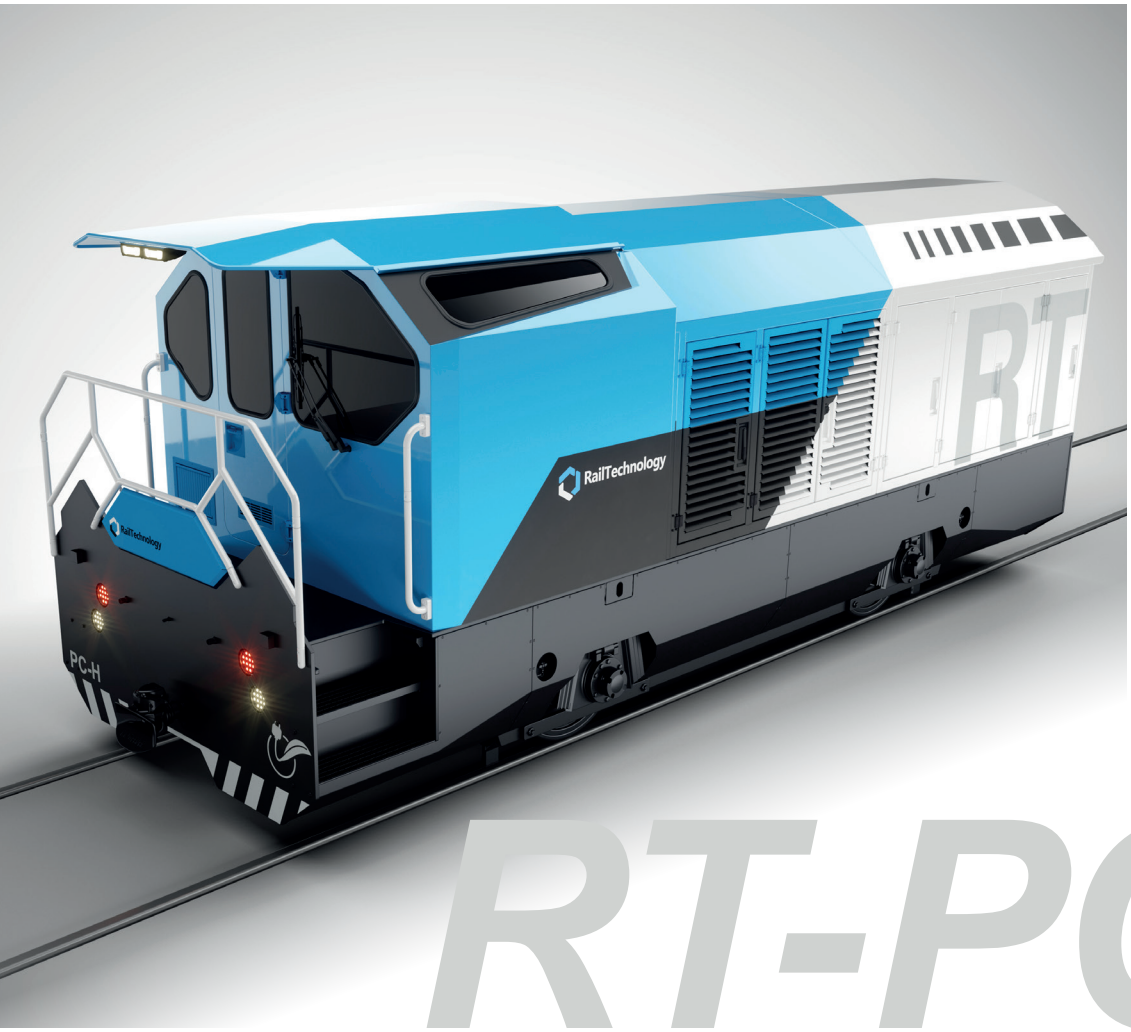
RailTechnology

MULTI PURPOSE HYBRID RAIL POWER CARS

COMPACT, VERSATILE AND WITH HYBRID TECHNOLOGY



RT-PCH

RT-PCH Multi Purpose Hybrid Rail Power cars. Multi functional high performance self propelled rail power cars. Hybrid powered suitable for towing of and providing power to a variety of working wagons/vehicles.

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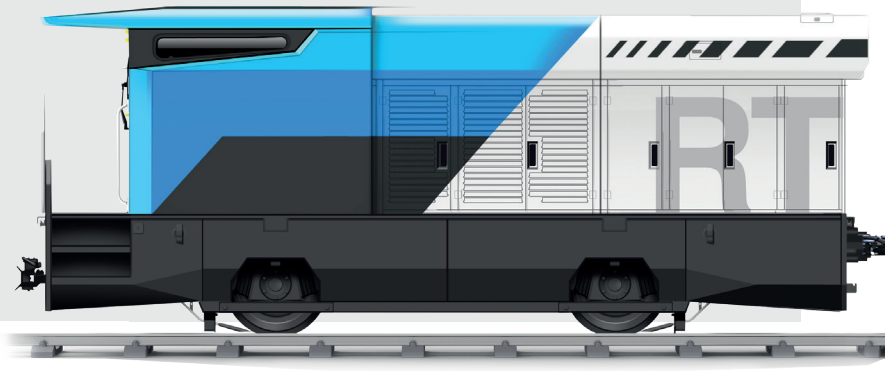
Product description:
The RT-PCH is a compact and state of the art self propelled hybrid rail bound vehicle suitable for providing traction and power to various types of working vehicles on a variety of Mainline and Urban Railway systems. The RT-PCH allows for emission free operation densely populated areas and Tunnel/Underground environment. The RT-PCH allows for towing multiple working vehicles/wagons to and from worksites. The RT PCH is capable of running in tandem operation.

Applications:
- Track maintenance
- Track construction
- 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 battery/hybrid technology
- Electric traction
- Suitable for any Railway including Tram, Metro and Underground railsystems
- Modular and flexible design
- Easy road transportable













Fits in nearly every structure clearance gauge
For Urban, Metro and Underground railways

TECHNICAL DATA RT-PCH	
Length	7.000 mm
Width	2.300 mm
Height	2.850 mm
Weight	160kW power car 20 t 230kW power car 24 t
Axle loads	160kW power car 10 t 230kW power car 12 t
Track gauge	1435 mm (other gauges optional)
Travel speed	Up to 60 kph
Min Curve radius	30 m
Power source	160 or 230kW Diesel engine EU stage V 50 kWh Li Ion battery Other power sources (diesel only or battery only) upon request
Traction	Electric traction motors 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)

FROM THE SPECIALISTS IN INNOVATIVE RAIL EQUIPMENT AND TECHNOLOGIES