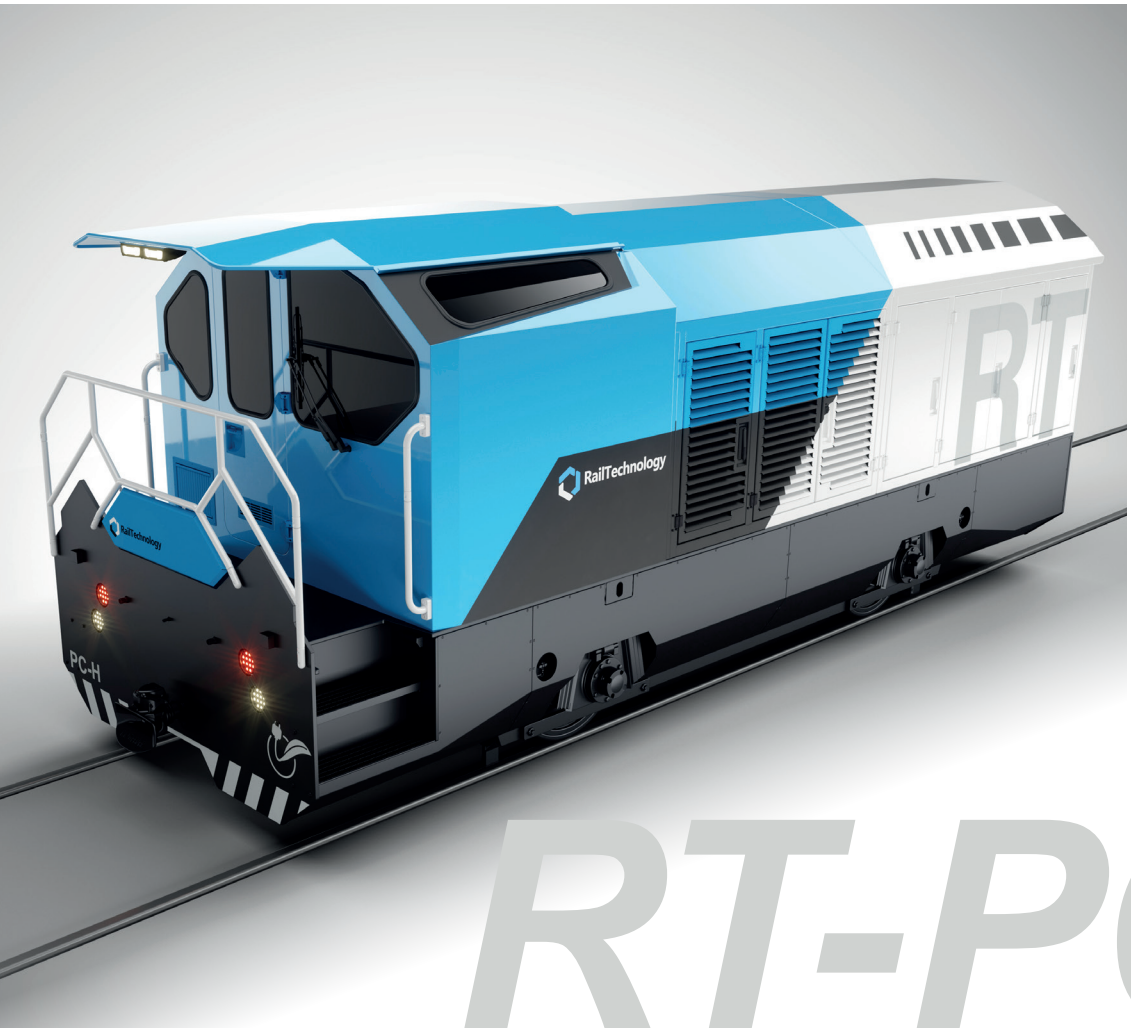
RailTechnology

RAILWAY MULTI PURPOSE POWER CARS

COMPACT, VERSATILE AND WITH HYBRID TECHNOLOGY



RT-PCH

RT-PCH Railway multi purpose power cars. Multi functional high performance self propelled rail power cars. Diesel, battery or 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 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 is available in a Diesel, Battery or Hybrid technology version allowing 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.

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 deep tunnel environment
- Can be fitted with various types of measuring instruments
- Modular and flexible design
- Easy to transport

Fits in nearly every structure clearance gauge For Mainline and Urban Railway systems

TECHNICAL DATA RT-PCH	
Length	7.000 mm
Width	2.300 mm
Height	2.850 mm
Weight	~20-24 t
Axle loads	10-12 t
Track gauge	1435 mm (other gauges optional)
Travel speed	Up to 60 kph
Min Curve radius	30 m
Power source	~55-400 kW Diesel engine EU stage V ~30-690 kWh Li-Ion battery
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