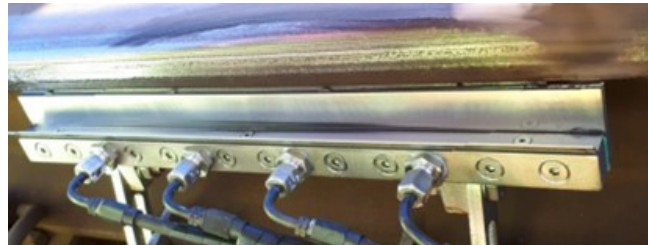


ClareShield TrackPro – Wayside Lubrication System

Overview

The ClareShield TrackPro high-pressure electrical trackside lubrication system is specifically designed to cater for customers unique requirements and location needs. To ensure low maintenance, longevity of service, and to minimise whole life costs, premium electronic and hydraulic components are integral in the construction of the system. Furthermore, the system is compatible with all standard European Vi-gnole (UK flatbottom rail profile) rail profiles making it a suitable choice for a wide range of rail infrastructure needs.



Specification (standard system)

- Stainless steel cabinet 800 x 1100 x 350 mm - powder coated (colour RAL 7035)
- High pressure pump, 350 bar max
- 15 kg grease tank with integrated mixer
- Standard mains power supply (UK: Mains 220 VAC)
- Solar power supply option
- Siemens Logo control unit with display (display text in chosen language)
- Rain sensor
- Monitored grease divider with 8 outlets
- Inductive wheel sensor with holder
- Quick access external grease refill tap
- Grease hoses with fittings to suit installation
- 2 x grease dispensing bars (set)
- Remote conditioning monitoring (RCM) capability via SMS - additional functionality dependent on connectivity type



Configuration options

Not all options are listed – please discuss your specific requirements with our representatives

Type	Options
Application method	Drilled rail application also available
Cabinet features	Stainless steel cabinet, powder coated in RAL colour Plastic cabinet Interior light
Grease reservoir capacity	Alternative sizes possible - please enquire
Cabinet location	Pole mounted (i.e. new telegraph) Wall mounted Concrete/wooden/stainless steel base
Power supply	Ready for all common power supplies Mains VAC 24 VDC with batteries Solar charging with 12v batteries (solar panel can be mounted on new/existing pole)
Connectivity	Email SMS Wi-Fi Cable communication
Remote Conditioning Monitoring (RCM)	Various options available in addition to standard functionality (connectivity dependent) e.g. grease level, cabinet door open/closed, rain indicator Please discuss your specific requirement with your representative
Trigger mechanism	External signal Train sensor Train or axle count Time interval lubrication