

PL+ Specifications

Features and Benefits

- **12.5 tonnes lifting capability per PL+**, multiple units increase lifting capability; for example three units would lift approximately 34.5 tonnes.
- **Fully certified to work across the rail network**, including under live Overhead Catenary System (OCS).
- Variable track width allows access and **use in narrow environments** like bridges, tunnels, and narrow right of way.
- Ideal for **removing and installing panels** on main line, repairs, and challenging new builds or crossings.
- Can **easily cross multiple tracks** without damaging the rail.
- Configurable to **grab any track gauge**.
- **Compact size and maneuverability** enables easy transportation, rapid deployment, and demobilization.

| Machine Data | Imperial | Metric |
|----------------------------------|---|--------|
| Gradient | 1:5, 20%, 11° (Alarm Setting) | |
| Noise Levels (High Engine Speed) | 76.dB(A) @1M Engine Idle, 84.dB(A) @3.28 ft Engine Full | |

| Engine Data | Imperial | Metric |
|------------------|----------------------------------|------------|
| Engine Type | Kubota O3 Series - V2403-CR-E5 | |
| Cylinders | 4 In-Line | |
| Power Output | 32 kW, 43 bhp @ 2,100 rpm | |
| Idle Speed | 900 rpm | |
| Half Speed | 1500 rpm | |
| Full speed | 2100 rpm | |
| Emissions | EU Stage V, Tier 4 Final | |
| Alternator | 2-volt 40 amp | |
| Battery | Type O17 - 12V, 90 Ah, 720A CCA. | |
| Oil Type | Shell Rimula RT4X 15w-40 | |
| Oil Capacity | 2.51 US gallons | 9.5 litres |
| Coolant Capacity | 2.25 US gallons | 8.5 litres |
| Coolant | Valvoline Maxlife 50/50 | |
| Fuel Type | Diesel | |
| Fuel Tank | 26.4 US gallons | 100 litres |

| Hydraulic Data | Imperial | Metric |
|------------------|---|--|
| System Pressure | 160 Bar | |
| Leg Ram Pressure | 140 Bar | |
| Oil Type | Shell Naturelle HFE 46 - Synthetic Biodegradable | |
| Tank Capacity | 16 gallons (Min) 53 US gallons (Max) | 60 litres (Min) 200 litres (Max) |
| Pump | 43.98 cc ³ /rev - 23 gallons/ min @ 2,100 rpm | 43.98 cc ³ /rev - 88 Litres/ min @ 2,100 RPM |



Dimensions

