ProRail® CNG fuel systems





Features and benefits



Capable

The UK's first long-range CNG tractor capable of 44-tonne operations



Quiet

Approximately 50% quieter than a diesel HGV



Low maintenance

No diesel particulate filter, no SCR



Engineering

4.0m wheelbase 6x2 tractor includes mini-mid lift axle capable of 44-tonne operation



Lightweight

Equipped with two ProRail® 30 bio-CNG fuel systems utilizing lightweight Type 4 composite cylinders



Capacity

Total bio-CNG capacity of 180 kg when operated at 250 bar



Low emissions

Much cleaner than Euro VI diesel when running on biomethane: 85% less well-to-wheels greenhouse gas – high-mileage HGV saves more than 150 tons CO2 equivalent per year. 60% less NOx, 80% CH4, 99% less particulate matter



Long range

Anticipated range of approximately >350 miles, with another 700 miles of range possible when combined with trailer-mounted bio-CNG fuel storage system



Specifications

| | | ProRail 17 | ProRail 30 | ProRail 45 | ProRail 60 |
|---------------------------------|-----|------------|------------|------------|------------|
| Capacity | DLE | 17 | 30 | 45 | 60 |
| Water volume | L | 226 | 397 | 580 | 794 |
| Height | in | 27 | 29 | 30 | 30 |
| Width | in | 29 | 30 | 31 | 31 |
| Length | in | 47 | 67 | 89 | 115 |
| Required clear frame rail space | in | 52 | 73 | 95 | 121 |
| Empty weight | lb | 343 | 470 | 553 | 696 |
| Full weight including fuel | lb | 451 | 642 | 833 | 1079 |
| Service pressure | psi | 3,600 | 3,600 | 3,600 | 3,600 |