ProRail® Bio-CNG Fuel Systems





Features and Benefits



Capable

The UK's first long-range bio-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	DGE	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