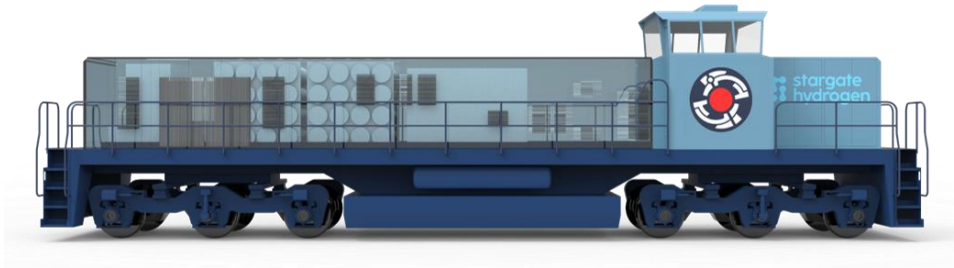


C30-Hydrogen: specifications

Stargate brings world-class technical expertise for compact, efficient hydrogen powertrains, allowing for modular and scalable freight locomotive retrofit solutions combined with fueling infrastructure.



Gauge width, mm	1520
Mass, t	138*
Dimensions in accordance with GOST 9238	1-T
Axle load, kN	225.6*
Axle arrangement	Co'Co'
Available power for traction motors, kW	1500
Continuous tractive effort on the rail, kN	289*
Starting tractive effort on the rail, kN	436*
Minimal curve radius at 5 km/h, m	83
Transmission	Electric DC/DC
Traction motor type	GE 752 AF
Battery type	Li-ion
Fuel cell type	PEM
Hydrogen storage type	Compressed gaseous hydrogen
Emission level	Zero-emission
Operating temperature range, °C	From -40 to +40
Brakes	Friction brakes with pneumatic and electric control Electric dynamic brakes with regeneration Manual brake with mechanical drive

* estimate

Zero emissions. There is no other way.