

Jaguar's hybrid electric supercar

Jaguar's C-X75 concept explores the outer limits of both performance and sustainability. Featuring batteries and a micro gas-turbine propulsion system it can hurtle from rest to 100km/h in 3.4 seconds – and go on to clock 330km/h – while emitting a mere 28g/km of CO₂

Alloy wheels:

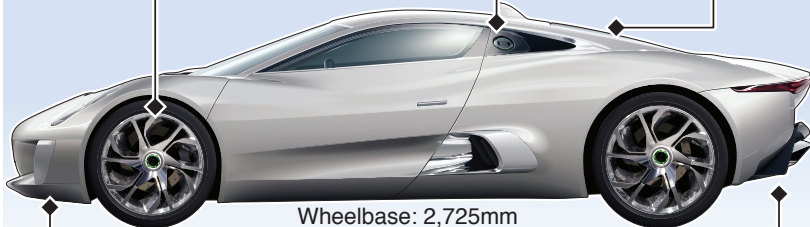
Spoke design inspired by fan blades of turbines

Fuel fillers:

Sit either side of cockpit, fuel tank for turbines on right, plug-in battery charging point on left

Micro gas-turbines:

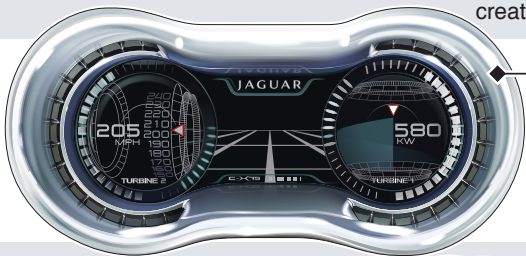
Twin 70kW turbines in sealed airbox generate electricity. Fuel options include diesel, biofuels and LPG



Wheelbase: 2,725mm

Bodywork: Carbon fibre wrapped around lightweight aluminium chassis. Up to 50% of metal is recycled

Venturi tunnel: Carbon-fibre diffuser guides airflow under car and uses exhaust gas to create downforce



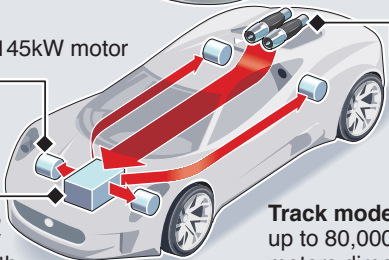
Instruments: Car started using switch in overhead control panel

Twin dials indicate turbine functionality, power output and speed

Electric motors: 145kW motor on each wheel

Lithium-ion battery pack:

Charged from mains in six hours, giving electric-only range of 110km with zero tailpipe emissions



Twin micro gas-turbines: Charge batteries during driving, extending range to 900km on single tank of fuel

Track mode: Turbines can rev up to 80,000rpm to power electric motors directly, boosting car to top speed of 330km/h