

LOW FLOOR

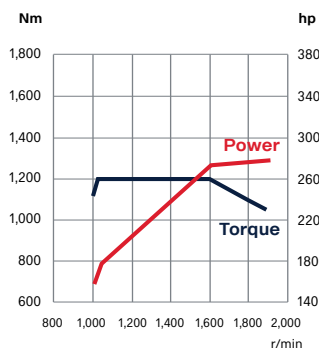
SCANIA C-CHASSIS

FOR URBAN TRANSPORT OPERATIONS

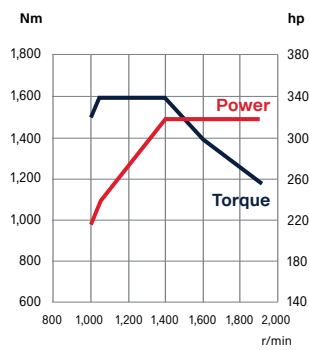
Based on more than a century of engineering experience, the new generation of Scania buses has been developed to meet the demands of today's and tomorrow's cities. Energy efficient, available in a wide range of powertrains and offers the latest technology in everything from safety systems to reduced emission and noise levels. And through excellent uptime, fuel efficiency and possibility of high passenger capacity, the new Scania buses allows sustainable mobility to go hand-in-hand with operating economy.



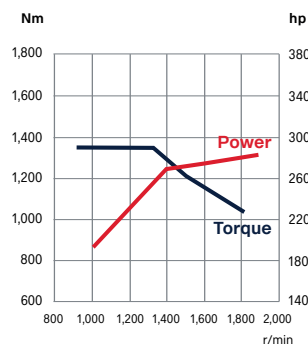
7-litre, 280 hp
Biodiesel, HVO, diesel



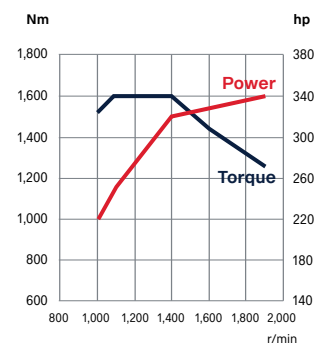
9-litre, 320 hp
Biodiesel, HVO, diesel



9-litre, 280 hp
Biogas, natural gas



9-litre, 340 hp
Biogas, natural gas



Powertrain - Fully electric

E-machine:

300 kW (peak), torque 2100 Nm
250 kW (continuous)

Gearbox:

2-speed to optimise energy consumption

Battery capacity:

254 kWh or 330 kWh, Lithium-Ion (NMC)
8 or 10 battery packs placed 4 in rear and 4 or 6 on the roof

Charging options:

In-route (pantograph charging): Up to 300 kW
Depot (CCS type 2): DC up to 150 kW

Powertrain - Combustion, Euro 6

Biodiesel, HVO, diesel:

7-litre 280 hp (206 kW), torque 1200 Nm
9-litre 320 hp (235 kW), torque 1600 Nm

Fuel capacity (usable volumes): 140 - 360 litres

Biogas, natural gas:

9-litre 280 hp (206 kW), torque 1350 Nm
9-litre 340 hp (250 kW), torque 1600 Nm

Fuel capacity: 1260 - 1875 litres

Gearbox:

6-speed fully automatic gearbox with acceleration control

Axle and suspension

Configurations:

2-axle, 3-axle articulated

Front axle:

Independent wheel suspension or rigid axle
Max. load capacity 8.2 tonnes, articulated 8.0 tonnes

Rear axle:

Rigid axle, driven
Max. load capacity 12 tonnes

Centre axle (articulated):

Rigid axle
Max. load capacity 11.5 tonnes

Full air suspension with electronic level control system (ELC)
Total raising or lowering of chassis height in the front or the whole side

Wheel

Tyre size (front): 275/70, 275/80, 295/80, 315/60, 315/70

Tyre size (rear): 275/70, 275/80, 295/80

Aluminum or steel rims

Electrical system

150, 180, 210 or 230 Ah or dual battery system, 24 V
Alternator 150, 180, 2x150 or 2x180 A

Brakes

Disc brakes, electronic brake system (EBS), anti-lock brake system (ABS), traction control (TC), bus stop brake, hill-hold, pad wear indicator, pipes manufactured from either rust protected steel or high impact synthetics, separate air tanks for each circuit, exhaust brake with automatic control

Support system

Scania Driver Support, electropneumatic parking brake, vulnerable road user collision warning, blind spot warning