

HIGH FLOOR

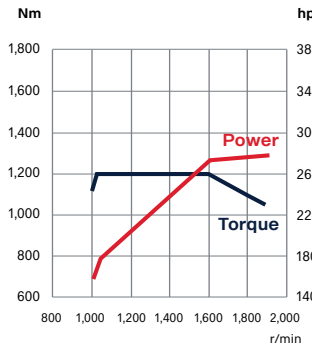
# SCANIA K-CHASSIS

FOR URBAN TRANSPORT OPERATIONS

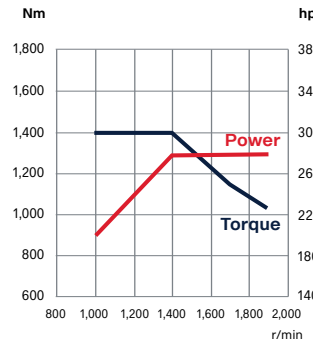
Based on more than a century of engineering experience, the new generation of Scania buses has been developed to meet the demands of today's and tomorrow's cities. Energy efficient, available in a wide range of powertrains and offers the latest technology in everything from safety systems to reduced 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.



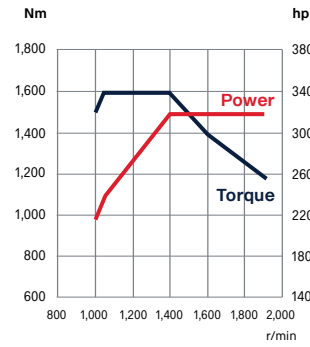
**7-litre, 280 hp**  
Biodiesel, HVO, diesel



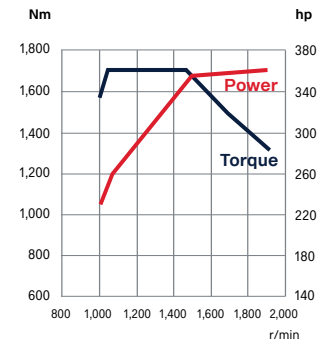
**9-litre, 280 hp**  
HVO, diesel



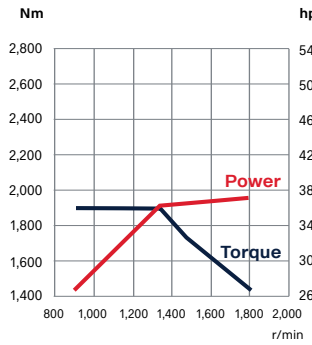
**9-litre, 320 hp**  
Biodiesel, HVO, diesel



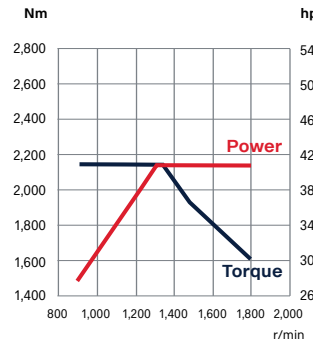
**9-litre, 360 hp**  
Biodiesel, HVO, diesel



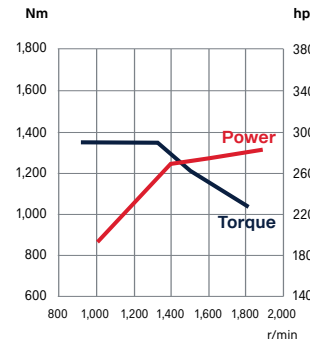
**13-litre, 370 hp**  
HVO, diesel



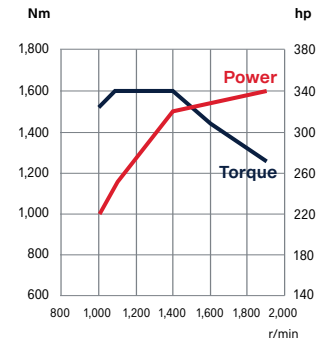
**13-litre, 410 hp**  
Biodiesel, HVO, diesel



**9-litre, 280 hp**  
Biogas, natural gas



**9-litre, 340 hp**  
Biogas, natural gas



## Powertrain - Hybrid electric

### Hybrid - Biodiesel, HVO, diesel

9-litre engine 320 hp (235 kW), torque 1600 Nm  
Electric motor 130 kW, torque 1030 Nm

### Gearbox:

12-speed gearbox with Scania Opticruise

## 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  
9-litre 360 hp (265 kW), torque 1700 Nm  
13-litre 410 hp (302 kW), torque 2150 Nm

### HVO, diesel:

9-litre 280 hp (206 kW), torque 1400 Nm  
13-litre 370 hp (272 kW), torque 1900 Nm

**Fuel capacity** (usable volumes): 275 - 460 litres,  
450 - 560 litres (articulated)

### 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:

12-speed gearbox with Scania Opticruise  
6-speed fully automatic gearbox

## Axle and suspension

### Configurations:

2-axle, 3-axle with tag axle (steered or non-steered),  
3-axle articulated

### Front axle:

Independent wheel suspension or rigid axle  
Max. load capacity  
Independent wheel suspension 8.2 tonnes  
Rigid axle 8.0 tonnes  
Articulated 8.0 tonnes

### Rear axle:

Rigid axle, driven  
Max. load capacity 13 tonnes

### Centre axle (articulated):

Rigid axle  
Max. load capacity 13 tonnes

### Tag axle:

Rigid axle, non-steered or steered.  
Electrohydraulic tag axle steering.  
Max. load capacity bogie 19 tonnes (11.5 + 7.5 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, 315/60, 315/70,  
315/80

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, electro-pneumatic parking brake, adaptive cruise control (ACC), vulnerable road user collision warning, blind spot warning