

Audace, Paradiso and Viaggio

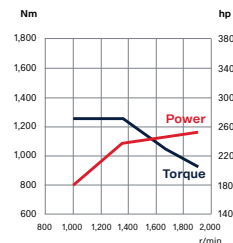
SCANIA MARCOPOLO

FOR TRAVEL OPERATIONS

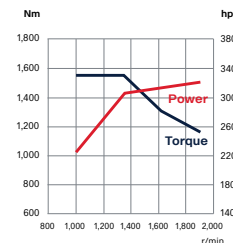
Based on more than a century of engineering experience, the new generation of Marcopolo coaches has been developed to meet the demands of today's and tomorrow's travel operators. Energy efficient and available in a wide range of powertrains, it offers the latest technology in everything from safety systems to reduced emissions and noise levels. And through excellent uptime and fuel economy, high levels of passenger comfort and generous luggage capacity, Scania Marcopolo coaches allow sustainable mobility to go hand-in-hand with operating economy.



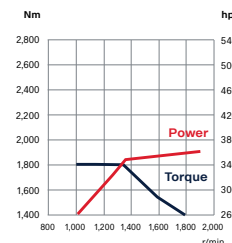
9-litre, 250 hp Biodiesel, HVO, diesel



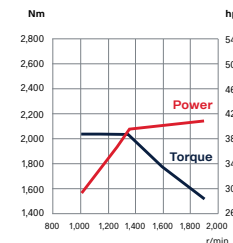
9-litre, 310 hp Biodiesel, HVO, diesel



13-litre, 360 hp Biodiesel, HVO, diesel



13-litre, 410 hp Biodiesel, HVO, diesel



General

Door configuration:

Audace 800: 1 door
Viaggio 900 & 1050: 1 door
Paradiso 1050: 1 door
Paradiso 1200: 1 door
Paradiso 1350: 2 door
Paradiso 1600: 2 doors
Paradiso 1800: 3 doors

Dimensions

Length:

Audace 800: 12.0 m, 13.2 m
Viaggio 900 & 1050: 12.0 m, 12.5 m, 13.1 m, 14.0 m
Paradiso 1050: 13.1 m, 14.0 m
Paradiso 1200: 13.1 m, 13.2 m, 14.0 m, 15.0 m
Paradiso 1350: 13.1 m, 13.2 m, 14.0 m, 15.0 m
Paradiso 1600: 14.0 m, 15.0 m
Paradiso 1800: 14.0 m, 14.4 m, 15.0 m

Width: 2.60 m

Height:

Audace 800: 3.3 m
Viaggio 900 and 1050: 3.5 m
Paradiso 1050: 3.6 m
Paradiso 1200: 3.8 m
Paradiso 1350: 4.0 m
Paradiso 1600 LD: 4.1 m
Paradiso 1800 DD: 4.1 m

Passenger area

Seating: Marcopolo seats as standard or customer choice, manual or automatic wheelchair lift at the middle door, four priority seats with folding armrests, location for wheelchair or pram, folding seats, reading lamp and air nozzles.

Equipment: Luggage rack, camera surveillance, infotainment system (Wi-Fi), interior LED lighting.

Roof hatches: Electric or fixed

Driver area

Seating: ISRI driver seat

Instrument panel: Fixed

Equipment: Audio system, announcement system

Destinations signs

Placement: LED destination sign in front, side and rear

Climate systems

Heating and cooling: Convecter circuit in passenger area, auxiliary heater (diesel), defroster, separate or combined air conditioning for the driver, temperature-controlled ventilation and AC for passengers.

Powertrains - Combustion, Euro 3

Biodiesel, HVO, diesel:

9-litre 250 hp (184 kW) 1250 Nm
9-litre 310 hp (228 kW) 1550 Nm
13-litre 360 hp (265 kW) 1800 Nm
13-litre 410 hp (302 kW) 2050 Nm

Fuel capacity (usable volumes): 370–1000 litres

Powertrains – Combustion, Euro 6

Biogas, natural gas:

9-litre 280 hp (206 kW) 1350 Nm
9-litre 340 hp (250 kW) 1600 Nm
13-litre 410 hp (302 kW) 2000 Nm

Fuel capacity: 1260–1875 litres (CBG/CNG)
700 litres (LBG/LNG)

Gearbox:

12-speed gearbox with Scania Opticruise
6-speed fully automatic gearbox (ZF EcoLife 2)

Axles and suspensions

Configurations: 2-axle, 3-axle with tag axle (steered or non-steered) and 4-axle with double front axles.

Front axle:

Independent wheel suspension or rigid axle
Max. load capacity:
Independent wheel suspension 8.0 tonnes
Rigid axle 7.5 tonnes
Rigid axle 2 x 6 tonnes (with double front axles)

Rear axle:

Rigid axle, driven
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.
Kneeling instep, whole front or whole side.

Electrical systems

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

Brakes

Disc brakes or drum brakes, electronic brake system (EBS), anti-lock brakes (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.

Wheels

Tyre size (front): 295/80, 315/70, 315/80, 385/65
Tyre size (tag): 295/80, 315/70, 315/80, 385/65
Tyre size (rear): 295/80, 315/70, 315/80
Aluminum or steel rims

Scania driver support, lane departure warning, lane change collision prevention, adaptive cruise control with active prediction, attention support, advanced emergency braking, electropneumatic parking brake control, vulnerable road user collision warning, blind spot warning and Scania Fleet Management which collects, saves and sends information from the vehicle for analysis.

Scania CV AB
SE 151 87 Södertälje, Sweden
Telephone +46 8 55381000
www.scania.com

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