

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.



## General

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### Door configuration:

Audace: 1 door  
Viaggio 900 and 1050: 1 door  
Paradiso 1050: 1 door  
Paradiso 1200: 1 door  
Paradiso 1350: 2 door  
Paradiso 1600 LD: 2 doors  
Paradiso 1800 DD: 3 doors

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## Dimensions

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### Length:

Audace: 13.2 m  
Viaggio 900 and 1050: 12.5 to 14.0 m  
Paradiso 1050: 13.1 to 14.0 m  
Paradiso 1200: 13.1 to 15.0 m  
Paradiso 1350: 13.1 to 15.0 m  
Paradiso 1600 LD: 14.0 to 15.0 m  
Paradiso 1800 DD: 14.0 to 15.0 m

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**Width:** 2.60 m

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### Height:

Audace: 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

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## Passenger area

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**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.

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

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**Roof hatches:** Electric or fixed

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## Driver area

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**Seating:** ISRI driver seat

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**Instrument panel:** Fixed

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**Equipment:** Audio system, announcement system

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## Destinations signs

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**Placement:** LED destination sign in front, side and rear

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## Climate systems

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

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## Powertrains - Combustion, Euro 5

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### Biodiesel, HVO, diesel:

9-litre 280 hp (206 kW) 1400 Nm  
9-litre 320 hp (235 kW) 1600 Nm  
9-litre 360 hp (265 kW) 1700 Nm  
13-litre 410 hp (302 kW) 2150 Nm  
13-litre 450 hp (331 kW) 2350 Nm

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**Fuel capacity** (usable volumes): 370–1000 litres

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## Powertrains – Combustion, Euro 6

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### 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

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**Fuel capacity:** 1260–1875 litres (CBG/CNG)  
560–1120 litres (LBG/LNG)

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### Gearbox:

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

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## Axles and suspensions

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

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### 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)

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### Rear axle:

Rigid axle, driven  
Max. load capacity 13 tonnes

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### Tag axle:

Rigid axle, non-steered or steered.  
Electrohydraulic tag axle steering  
Max. load capacity bogie 19 tonnes (11.5 + 7.5 tonnes)

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Full air suspension with electronic level control system (ELC)  
Total raising or lowering of chassis height.  
Kneeling instep, whole front or whole side.

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## Electrical systems

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

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## Brakes

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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.

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## Wheels

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**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

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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.

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