

Mercedes Benz CLA Estate

Mercedes Benz CLA Estate The Mercedes-Benz CLA Estate, also known as the CLA Shooting Brake, is a stylish and compact luxury wagon that combines sporty design with practical functionality. It is part of Mercedes-Benz's CLA-Class lineup, which is known for its sleek aesthetics and premium features. Here are some key details about the CLA Estate:

Design and Features:

- **Exterior:** The CLA Estate features a coupe-like silhouette with a long, sloping roofline that extends into the rear, giving it a distinctive "shooting brake" design. It includes LED lighting, a bold grille, and aerodynamic elements.
- **Interior:** The cabin is luxurious, with high-quality materials, ambient lighting, and a driver-focused layout. It includes the latest MBUX (Mercedes-Benz User Experience) infotainment system with dual 10.25-inch screens, touch controls, and voice recognition.
- **Space:** Despite its compact size, the CLA Estate offers a practical cargo area with adjustable rear seats, making it versatile for everyday use.

Performance:

- **Engine Options:** The CLA Estate is available with a range of petrol, diesel, and plug-in hybrid engines, depending on the market. These include:
 - CLA 200 (1.3L turbocharged petrol)
 - CLA 250 (2.0L turbocharged petrol)
 - CLA 220 d (2.0L turbocharged diesel)
 - CLA 250e (plug-in hybrid variant)
- **Drivetrain:** Front-wheel drive (FWD) or 4MATIC all-wheel drive (AWD) options are available.
- **Transmission:** Most models come with a 7-speed or 8-speed dual-clutch automatic transmission.

Technology and Safety:

- **MBUX Infotainment:** Features navigation, smartphone integration (Apple Car Play and Android Auto), and voice control.
- **Driver Assistance:** Includes adaptive cruise control, lane-keeping assist, blind-spot monitoring, and active brake assist.
- **Safety:** Equipped with advanced safety features like PRE-SAFE® system, attention assist, and multiple airbags.

Market Position:

- The CLA Estate is positioned as a more affordable entry point into the Mercedes-Benz lineup, offering a blend of luxury, performance, and practicality. It appeals to buyers who want a premium vehicle with a sporty design and everyday usability.

Design and Styling

The CLA Estate is designed to stand out in the compact luxury segment with its sporty and elegant aesthetics:

- **Shooting Brake Design:** The wagon-style body combines the sleekness of a coupe with the practicality of an estate. The elongated roofline and tapered rear give it a unique, dynamic appearance.
- **Panamericana Grille:** Available on AMG Line models, this grille features a sporty, vertical slat design.
- **LED Lighting:** Standard full-LED headlights and taillights, with optional Multibeam LED headlights for advanced illumination.
- **Wheel Options:** Ranges from 17-inch to 19-inch alloy wheels, depending on the trim and configuration.
- **Color Options:** A wide range of exterior colors, including bold options like Mountain Grey, Denim Blue, and Sun Yellow.

Interior and Comfort

The CLA Estate's interior is a blend of luxury and technology:

- **MBUX Infotainment System:** Dual 10.25-inch screens (one for the instrument cluster and one for the infotainment) are standard. The system supports touch, voice, and steering wheel controls.
- **Ambient Lighting:** Customizable with 64 colors to create a personalized atmosphere.
- **Seating:** Sport seats with optional leather upholstery and heating/ventilation functions. The rear seats offer decent legroom for a compact car.

Cargo Space:

- **Boot capacity:** 505 liters (with rear seats up).
- **Expandable** to 1,370 liters (with rear seats folded).
- **Hands-free access (optional):** Open the tailgate by waving your foot under the rear bumper.
- **Premium Materials:** High-quality finishes, including brushed aluminum, open-pore wood, and soft-touch surfaces.

Performance and Engine Options

The CLA Estate offers a range of engines to suit different driving preferences:

Petrol Engines:

CLA 200:

- 1.3L turbocharged inline-4.
- 163 hp, 250 Nm torque.
- 0-100 km/h in 8.7 seconds.

CLA 250:

- 2.0L turbocharged inline-4.
- 224 HP, 350 Nm torque.
- 0-100 km/h in 6.6 seconds.
- Available with 4MATIC AWD.

Diesel Engines:

CLA 200 d:

- 2.0L turbocharged inline-4 diesel.
- 150 HP, 320 Nm torque.
- 0-100 km/h in 8.6 seconds

CLA 220 d:

- 2.0L turbocharged inline-4 diesel.
- 190HP, 400 Nm torque.
- 0-100 km/h in 7.3 seconds.

Plug-in Hybrid:

◦ CLA 250e:

- Combines a 1.3L petrol engine with an electric motor.
- Total output: 218 HP, 450 Nm torque.
- Electric-only range: ~70 km (WLTP).
- 0-100 km/h in 6.8 seconds.

AMG Variants (for performance enthusiasts):

CLA 35 AMG:

- 2.0L turbocharged inline-4.
- 306 HP 400 Nm torque.
- 0-100 km/h in 4.9 seconds.
- Sport-tuned suspension and exhaust.

CLA 45 S AMG:

- 2.0L turbocharged inline-4 (world's most powerful 4-cylinder production engine).
- 421 HP, 500 Nm torque.
- 0-100 km/h in 4.0 seconds.
- Drift Mode and AMG Performance 4MATIC+ AWD.

Technology and Connectivity

The CLA Estate is packed with cutting-edge tech:

MBUX (Mercedes-Benz User Experience):

- Voice control with natural language understanding (e.g., "Hey Mercedes").
- Augmented Reality Navigation: Overlays directions onto live camera feed.
- Touchscreen, touchpad, and steering wheel controls.
- Smartphone Integration: Apple Car Play and Android Auto.
- Wireless Charging: Available for compatible devices.
- BURMESTER Sound System: Optional premium audio system with surround sound.

Safety and Driver Assistance

Mercedes-Benz is known for its advanced safety features, and the CLA Estate is no exception:

- Active Brake Assist: Automatic emergency braking.
- PRE-SAFE® System: Prepares the car for an imminent collision by tightening seatbelts and closing windows.
- 360-Degree Camera: Provides a bird's-eye view for parking and maneuvering.

Market Positioning and Competitors

The CLA Estate competes in the compact luxury wagon segment, targeting buyers who want a blend of style, performance, and practicality. Key competitors include:

- **Audi A4 Avant**
- **BMW 2 Series Gran Tourer**
- **Volvo V60**
- **Volkswagen ARTEON Shooting Brake**

The CLA Estate stands out with its coupe-like design, advanced tech, and the prestige of the Mercedes-Benz badge. It's particularly popular in Europe, where wagons are highly valued for their versatility.

Pricing (Approximate)

Pricing varies by region and trim, but here's a rough estimate:

- CLA 200: Starting around €40,000 (Europe) / \$45,000 (USA).
- CLA 250: Starting around €50,000 (Europe) / \$55,000 (USA).
- CLA 250e (Plug-in Hybrid): Starting around €55,000 (Europe).
- CLA 35 AMG: Starting around €60,000 (Europe) / \$65,000 (USA).
- CLA 45 S AMG: Starting around €70,000 (Europe) / \$75,000 (USA).

Pros and Cons

Pros:

- Striking, sporty design.
- High-quality interior with advanced tech.
- Practical cargo space for a compact car.
- Wide range of engine options, including hybrid.
- Strong performance in AMG variants.

Cons:

- Rear headroom can be tight due to the sloping roofline.

- Higher price compared to non-luxury competitors.
 - Ride quality can be firm, especially in AMG models.
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