

# specifications

## ENGINE AND DRIVETRAIN

### Engine

S 430 SEDAN  
4,266-cc SOHC 24-valve 90° V-8.  
High-pressure die-cast alloy  
cylinder block. Alloy heads.

Net power  
275 hp @ 5,750 rpm  
Net torque  
295 lb-ft @ 3,000–4,400 rpm  
Compression ratio  
10.0:1

Fuel and ignition system

Intake system

### Transmission

AMG SpeedShift™

**Acceleration, 0–60 mph<sup>1</sup>**  
6.9 seconds

**Emission certification**  
Ultra Low Emission Vehicle (ULEV).

## TRACTION AND STABILITY

**Electronic Stability Program (ESP) and Automatic Slip Control (ASR)**

**4MATIC all-wheel drive with 4-wheel Electronic Traction System (4-ETS)** (optional on S 430 and S 500 only)

## BODY AND CHASSIS

### Suspension

**Airmatic air suspension with Adaptive Damping System (ADS)** (standard on S 430 and S 500 only)

**Active Body Control (ABC)** (optional<sup>4</sup> on S 430 and S 500, standard on S 55 AMG and S 600)

### Steering

**Wheels,** aluminum-alloy, standard with optional Sport Package  
with Sport Package plus 4MATIC

**Tires,** steel-belted radial, standard with optional Sport Package  
with Sport Package plus 4MATIC

**Brakes,** dual-circuit power-assisted Brake calipers (front/rear)

**Antilock Braking System (ABS) and Brake Assist**

## Electronic Brake Force Distribution

## DIMENSIONS

**Wheelbase**  
121.5 in./3,085 mm

**Overall length**  
203.1 in./5,158 mm

**Overall height**  
57.2 in./1,454 mm

**Overall width**  
73.1 in./1,857 mm

**Track** (front—rear)  
62.0 in./1,574 mm—62.0 in./1,574 mm

<sup>1</sup> Stated rates of acceleration are based upon manufacturer's track results and may vary depending upon model, environmental and road surface conditions, driving style, elevation and vehicle load. <sup>2</sup> No system, regardless of how sophisticated, can repeat the laws of physics or overcome careless driving actions. Please always wear your seat belt. <sup>3</sup> Please obey local speed laws. <sup>4</sup> Optional ABC replaces Airmatic and ADS on S 430 and S 500. <sup>5</sup> Z-rated tires are optimized for performance driving and may provide reduced ride comfort, increased tire noise, substantially increased treadwear and greater susceptibility to damage compared with H-rated tires. <sup>6</sup> Braking effectiveness also depends on proper brake system maintenance, and tire and road conditions.

S 500 SEDAN

4,966-cc SOHC 24-valve 90° V-8.  
High-pressure die-cast alloy  
cylinder block. Alloy heads.

302 hp @ 5,600 rpm  
339 lb-ft @ 2,700–4,250 rpm  
10.0:1

Magnesium 2-stage resonance intake manifold increases intake runner length at lower rpm for improved response.

Driver-adaptive electronic 5-speed automatic. Touch Shift allows driver to manually downshift and allow upshifts by nudging the shift lever left or right for maximum acceleration by holding the shift lever to the left of Drive for one second. Driver-selectable comfort mode starts vehicle moving in 2nd gear or a second Reverse gear, to help improve takeoff on slippery surfaces. Display in instrument cluster indicates selected gear range and standard/comfort mode.

Standard on S 55 AMG only, AMG SpeedShift™ programming provides up to 35% faster gear changes, automatically downshifts during braking, prevents unwanted upshifting while cornering, and features torque converter lockup in all forward gears. Fingertip manual mode allows direct-access shifting through forward gears via buttons on back of upper steering-wheel spokes, and will automatically intervene only to induce an upshift at redline and select 1st gear when the vehicle stops.

6.1 seconds

Ultra Low Emission Vehicle (ULEV).

S 55 AMG SEDAN

AMG-built intercooled supercharged 5,439-cc SOHC 24-valve 90° V-8. High-pressure die-cast alloy cylinder block. Alloy heads.

493 hp @ 6,100 rpm  
516 lb-ft @ 2,750–4,000 rpm  
9.0:1

Helical high-pressure supercharger with liquid-to-air intercooler.

Helical high-pressure supercharger with liquid-to-air intercooler.

Standard on S 55 AMG only, AMG SpeedShift™ programming provides up to 35% faster gear changes, automatically downshifts during braking, prevents unwanted upshifting while cornering, and features torque converter lockup in all forward gears. Fingertip manual mode allows direct-access shifting through forward gears via buttons on back of upper steering-wheel spokes, and will automatically intervene only to induce an upshift at redline and select 1st gear when the vehicle stops.

4.6 seconds

Low Emission Vehicle (LEV).

S 600 SEDAN

Intercooled twin-turbocharged 5,513-cc SOHC 36-valve 60° V-12. Two-piece high-pressure die-cast alloy cylinder block. Alloy heads and pistons. Die-cast magnesium cylinder head covers.

493 hp @ 5,000 rpm  
590 lb-ft @ 1,800–3,500 rpm  
9.0:1

Twin turbochargers (one per cylinder bank, integrated in exhaust manifolds) with liquid-to-air intercoolers.

Helical high-pressure supercharger with liquid-to-air intercooler.

Standard on S 55 AMG only, AMG SpeedShift™ programming provides up to 35% faster gear changes, automatically downshifts during braking, prevents unwanted upshifting while cornering, and features torque converter lockup in all forward gears. Fingertip manual mode allows direct-access shifting through forward gears via buttons on back of upper steering-wheel spokes, and will automatically intervene only to induce an upshift at redline and select 1st gear when the vehicle stops.

4.6 seconds

Low Emission Vehicle (LEV).

S 600 SEDAN

Intercooled twin-turbocharged 5,513-cc SOHC 36-valve 60° V-12. Two-piece high-pressure die-cast alloy cylinder block. Alloy heads and pistons. Die-cast magnesium cylinder head covers.

493 hp @ 5,000 rpm  
590 lb-ft @ 1,800–3,500 rpm  
9.0:1

Twin turbochargers (one per cylinder bank, integrated in exhaust manifolds) with liquid-to-air intercoolers.

Helical high-pressure supercharger with liquid-to-air intercooler.

Standard on S 55 AMG only, AMG SpeedShift™ programming provides up to 35% faster gear changes, automatically downshifts during braking, prevents unwanted upshifting while cornering, and features torque converter lockup in all forward gears. Fingertip manual mode allows direct-access shifting through forward gears via buttons on back of upper steering-wheel spokes, and will automatically intervene only to induce an upshift at redline and select 1st gear when the vehicle stops.

4.6 seconds

Low Emission Vehicle (LEV).

ESP compares the driver's intended course, via steering and braking inputs, to the vehicle's response, via lateral acceleration, rotation (yaw) and individual wheel speeds. ESP then brakes individual front or rear wheels and/or reduces excess engine power as needed to help correct understeer (plowing) or oversteer (fishtailing). ESP incorporates the functions of ASR traction control, which senses drive-wheel slip and individually brakes the slipping wheel or wheels, and/or reduces excess engine power, until control is regained.<sup>2</sup>

4MATIC™ features a permanent 40/60 front/rear torque split maintained via a planetary center differential. 4-ETS monitors the speed of all four wheels to detect wheel slip, then applies individual brakes as needed to provide the effect of locking the front, rear and/or center differentials, and/or reduces excess engine power. 4-ETS continually balances the torque split to ensure that power is sent to the wheel(s) with traction. 4MATIC also incorporates the functions of ESP and ASR.<sup>2</sup>

5-win-spoke (7-spoke with 4MATIC), 7.5Jx17 front and rear.  
AMG thin-spoke monoblock, 8.5Jx18 front, 9.0Jx18 rear.  
AMG thin-spoke monoblock, 8.5Jx18 front and rear.

225/55HR17 front and rear, all-season performance.<sup>5</sup>  
245/45ZR18 front, 265/40ZR18 rear, high-performance.<sup>5</sup>  
245/45ZR18 front and rear, high-performance.<sup>5</sup>  
Cross-drilled, internally ventilated 4-wheel disc.  
Brembo 4-piston fixed/dual-piston sliding.

ABS senses impending wheel lockup under heavy braking and pumps the front brakes individually or the rear brakes together (to help maintain stability) as needed up to 30 times per second, to prevent lockup and maintain steering ability. Brake Assist senses emergency braking via the speed at which the driver presses the brake pedal and immediately applies maximum available power boost, potentially reducing the overall stopping distance by eliminating the delay caused by a common human tendency not to brake hard enough, soon enough. Letting up on the brake pedal releases Brake Assist.<sup>6</sup>  
Electronic Brake Force Distribution helps ensure proper brake proportioning for differing vehicle load and maneuvering conditions, and promotes more even brake-pad wear by allowing for a greater rear-wheel contribution to straight-line braking compared to braking while cornering.

Polished AMG double-spoke, 8.5Jx18 front, 9.0Jx18 rear.  
Not available.  
Not available.  
245/45ZR18 front, 265/40ZR18 rear, high-performance.<sup>5</sup>  
Not available.  
Not available.  
Cross-drilled, internally ventilated 4-wheel disc.  
AMG 8-piston fixed/AMG 4-piston fixed.

245/45ZR18 front and rear, high-performance.<sup>5</sup>  
245/45ZR18 front, 265/40ZR18 rear, high-performance.<sup>5</sup>  
Not available.  
Not available.  
Cross-drilled, internally ventilated 4-wheel disc.  
Brembo 4-piston fixed/dual-piston sliding.

Highly polished forged 6-hole, 8.5Jx18 front and rear.  
AMG thin-spoke monoblock, 8.5Jx18 front, 9.0Jx18 rear.  
Not available.  
245/45ZR18 front and rear, high-performance.<sup>5</sup>  
245/45ZR18 front, 265/40ZR18 rear, high-performance.<sup>5</sup>  
Not available.  
Not available.  
Cross-drilled, internally ventilated 4-wheel disc.  
Brembo 4-piston fixed/dual-piston sliding.

245/45ZR18 front and rear, high-performance.<sup>5</sup>  
245/45ZR18 front, 265/40ZR18 rear, high-performance.<sup>5</sup>  
Not available.  
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Brembo 4-piston fixed/dual-piston sliding.

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Electronic Brake Force Distribution helps ensure proper brake proportioning for differing vehicle load and maneuvering conditions, and promotes more even brake-pad wear by allowing for a greater rear-wheel contribution to straight-line braking compared to braking while cornering.

Polished AMG double-spoke, 8.5Jx18 front, 9.0Jx18 rear.  
Not available.  
Not available.  
245/45ZR18 front, 265/40ZR18 rear, high-performance.<sup>5</sup>  
Not available.  
Not available.  
Cross-drilled, internally ventilated 4-wheel disc.  
AMG 8-piston fixed/AMG 4-piston fixed.

## DIMENSIONS

**Headroom** (front—rear)  
37.6 in./956 mm—38.4 in./976 mm

**Legroom** (front—rear)  
41.3 in./1,050 mm—40.3 in./1,023 mm

**Shoulder room** (front—rear)  
59.2 in./1,503 mm—58.3 in./1,480 mm

**Cabin capacity**  
105.0 cu ft/2,973 liters

**Trunk capacity**  
15.4 cu ft/436 liters

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37.6 in./956 mm—38.4 in./976 mm

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# equipment

S 430 SEDAN  
S 500 SEDAN  
S 55 AMG SEDAN  
S 600 SEDAN

## INTERIOR FEATURES

- Multifunction steering wheel provides controls for basic audio/phone and climate control functions as well as multifunction display (see Instrumentation, next page).
- Power windows, all with one-touch express-up/down.
- Power rear-window sunshade, with one-touch express-up/down.
- 4-way (tilt/telescoping) power steering column, with easy-exit feature and position linked to driver's seat memory.
- Electronic cruise control with digital display of selected speed upon engagement.
- Auto-dimming rearview mirror, with position linked to driver's seat memory.
- Automatic low-intensity environmental comfort: lighting of the center console, door handles and footwells.
- Dual xenon front reading lamps. Dual rear reading lamps.
- Courtesy lamps with programmable fade-out time. Entrance lamps in both doors.
- Four illuminated vanity mirrors. Front mirrors include both magnifying and standard lenses.
- Front center armrest with illuminated, climate-controlled storage.
- Retractable dual cupholders in front center console. Removable cupholder attaches to front-passenger seat trim.
- Retractable dual cupholders in rear center armrest.
- Parcel net in right front footwell.
- Magazine pockets on both front seatbacks.

## CLIMATE CONTROL

- 100% CFC-free dual-zone automatic climate control with adjustable high-flow/low-draft vents in dash, front doors, and rear of console, and adjacent to rear doors. Individual left and right electronic controls for temperature and airflow direction, with dual automatic modes and a selectable automatic mode for the center dash vents.
- REST mode can ventilate cabin or recirculate residual heat for up to 30 minutes after car is turned off.
- 4-zone climate control with additional rear-cabin control panel, front and rear REST modes.
- Electrostatic dust and pollen filter.
- Activated charcoal filter with smog-sensing automatic recirculation of filtered cabin air.
- Tunnel mode closes all windows, the sunroof and incoming air vents via the air-recirculation button or charcoal filter button.
- 4-way sun sensor helps compensate for the effects of directional sunlight on the occupants.
- Humidity/dewpoint sensor helps reduce window fogging during humid weather, and helps prevent overdrying of cooled air.
- Seat-belt usage sensors allow climate control to focus first on occupied seating positions.

## SEATING AND TRIM

- 14-way power front seats, each with pneumatically adjustable lumbar support and 3-position memory.
- Sport-contoured front seats.
- Heated front seats.
- Active Ventilated front seats with 8 internal cooling fans plus heating feature.
- Dynamic multicontour front seats with pneumatically adjustable side and lumbar supports, and massage feature which slowly pulsates the central lumbar support to help reduce muscle fatigue.
- Drive-Dynamic front seats, with pneumatic side bolsters that instantly respond to cornering forces by inflating and deflating to optimize cornering support, as well as all features of dynamic multicontour seats.
- Heated rear seats.
- Power rear seats with pneumatically adjustable lumbar supports for outboard positions.
- Premium leather upholstery hand-fitted to each seat, plus head restraints, center armrests and door trim inserts.
- Hand-fitted glove-soft Nappa leather seating surfaces. Premium leather on remainder of seats, center armrests and door trim inserts.
- Hand-fitted AMG-design glove-soft Nappa leather seating surfaces with perforated inserts and metal AMG badges. Premium leather on remainder of seats, center armrests and door trim inserts.
- Exclusive leather interior treatment with glove-soft Nappa leather hand-fitted to seats, head restraints, dash, console, doors, armrests and rear shelf, plus Alcantara covering pillars, sun visors and ceiling.
- Hand-polished Calypso wood trim on dash, console, doors and shift gate.
- Hand-polished burl walnut trim on dash, console, doors and shift gate.
- Leather-trimmed steering wheel and shift knob.
- Leather and burl walnut trimmed steering wheel and shift knob.
- Burl walnut trimmed overhead console, overhead assist handles, rear vanity mirror covers and ashtrays, and cupholder cover in rear center armrest.
- Velour floor carpeting and floor mats (exclusive AMG floor mats on S55 AMG).

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S 600 SEDAN

## EXTERIOR FEATURES

- Power tilt/sliding tinted glass sunroof with one-touch express-open/close and memory.
- AMG-design sculpted front air dam, side skirts and rear apron.
- Dual chrome exhaust tips (four polished stainless steel tips on S55 AMG).
- Halogen projector-beam headlights.
- Bi-Xenon High Intensity Discharge low-beam and high-beam headlights with automatic level control, halogen auxiliary high beams, and heated headlamp washers.
- Halogen front foglamps. Single red rear foglamp.
- Driver-selectable light-sensing auto-on headlights. Driver-programmable Daytime Running Lamps illuminate low-beam headlights in daylight, with auto-on override in darkness.
- Touch Turn Signals flash three times with one touch of turn-signal lever, for lane-changing. Auxiliary LED turn signal indicators are integrated with side mirrors.
- Dual power mirrors, linked to driver's seat memory, automatically heated and with power fold-in. Auto-dimming left-side mirror. Parking-assist right-side mirror can be programmed to tilt down upon shifting to Reverse.
- Infrared-reflective glass helps reduce radiant heat penetration. Laminated side glass helps reduce UV penetration.
- Electrically heated rear window with automatic shutoff based on time, vehicle speed and outside temperature.
- Dual aero-blade windshield wipers with heated washer system. Heated wiper parking position. Infrared rain sensor automatically adjusts intermittent wiper delay based on rainfall.

## LOCKING AND SECURITY

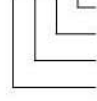
- SmartKey remote central locking system uses redundant infrared and radio-frequency signals for improved range, and rolling-code signal for protection from transmitter cloning.
- SmartKey uses an electronic code to unlock the gearshift and ignition. Removing SmartKey from ignition disables engine computer to help prevent unauthorized starting of the engine.
- SmartKey remote control integrates door lock/unlock buttons, trunk opener with valet lockout, removable valet key and panic alarm. Driver may selectively unlock only the driver's door and fuel filler, or all doors plus the trunk and fuel filler.
- SmartKey offers infrared-remote opening/closing of windows and sunroof, and can turn on Active Ventilated front seats<sup>2</sup> from outside the car.
- Driver-programmable user-recognition feature links each SmartKey to driver's preferences (up to three individual users per car). Each SmartKey recalls memory features for driver's seat, mirrors and power steering column position, plus various climate control settings, for its assigned driver.
- Driver-programmable driveway locking can automatically lock all the doors when the car reaches 9 mph.
- Night security illumination uses the car's exterior lights to help illuminate a path after parking. Driver-programmable intervals allow lights to stay on for 60, 45, 30 or 15 seconds, or not at all.
- Locator lighting uses the car's lights to help light a return path when the car is remote-unlocked in darkness. Unlocking car activates illuminated entry system, which includes interior lighting, plus entrance lamps in all four doors and underneath outside mirrors.
- Automatic antitheft alarm system with towaway protection, remote panic feature, and automatic notification via Tele Aid<sup>3</sup>.
- Emergency trunk release, located inside trunk and illuminated for 60 minutes after trunk lid is closed.
- Pneumatic door and trunk closing assist. Automatically extending and retracting trunk handle.
- Integrated 3-button garage door control, compatible with HomeLink<sup>®</sup> components and some other systems.

## ● STANDARD ○ OPTIONAL — NOT AVAILABLE

<sup>1</sup> Optional as part of an Option Package. See Options Package listing on next page. <sup>2</sup> Active Ventilated seats are optional on S 430 and S 500 as part of Comfort Package \$3. <sup>3</sup> First year's Tele Aid service provided at no additional cost with subscription and includes 30 minutes airtime (including required acquaintance call). Subscription is required for service to be active. Tele Aid operates only where cellular and GPS coverage are available. Owner must authorize stolen vehicle tracking and file a police report. <sup>4</sup> Heated rear seats and 4-place seating package must be ordered together on S55 AMG. <sup>5</sup> Special-order option. Vehicles with special-order items, colors or trim combinations incur a one-time surcharge and may require additional production time.

# equipment

S430 SEDAN  
S500 SEDAN  
S55 AMG SEDAN  
S600 SEDAN



## INDIVIDUAL OPTIONS

- 4MATIC™ all-wheel drive.
- Active Body Control (ABC, replaces Airmatic air suspension and ADS).
- Distronic adaptive cruise control.
- Parktronic audio-visual parking assistance system.
- Keyless Go smart-card vehicle entry and starting system.
- Electronic trunk closer (via controls on driver's door and on trunk lid).
- Onboard tire-pressure monitoring system (indicated in multifunction display).
- Manual roller-type sunshades for rear side windows.
- 4-zone climate control.
- Heated steering wheel (not available on *designo* editions).
- Heated front seats.
- Drive-Dynamic front seats, including all features of dynamic multicontour front seats.
- Heated rear seats.
- Active Ventilated rear seats with internal cooling fans plus heating feature.<sup>7</sup>
- Power rear seats with dual pneumatic lumbar supports and power head restraints.
- 4-place dynamic multicontour seating package, with four power seats, each with 3-position memory.
- Nappa leather upholstery.
- Chestnut wood interior trim.
- Integrated trunk-mounted 6-disc CD changer.
- Integrated Motorola V60 dual-band digital portable telephone with in-car voice control system for operation of commonly used phone and audio system features.

## OPTION PACKAGES

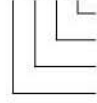
- Lighting Package S2:** Bi-Xenon High Intensity Discharge low-beam and high-beam headlamps with heated headlamp washers.
- Comfort Package S3:** Active Ventilated front seats (with heating feature). Dynamic multicontour front seatbacks.
- Comfort Package S3a:** Active Ventilated front seats (with heating feature). Drive-Dynamic front seats.
- Sport Package S5:** Staggered-width 18" AMG monoblock wheels (equal-size wheels when combined with 4MATIC all-wheel drive) with high-performance tires.<sup>8</sup> AMG-design sculpted front air dam, side skirts and rear apron.
- Wood Trim Package S6:** Leather and walnut (or chestnut<sup>9</sup>) trimmed steering wheel and shift knob.

## S-CLASS *designo* EDITIONS

- Silver Edition:** *designo* Silver metallic paint. Stone interior with brown poplar wood trim. Exclusive leather interior treatment with leather on dash, console and rear shelf; glove-soft, Nappa leather hand-fitted to seats, head restraints, armrests and doors; plus Alcantara covering pillars, visors and ceiling. Stone floor mats with leather trim.
- Espresso Edition:** *designo* Mocha Black metallic paint. Charcoal interior with Light Brown Nappa leather and Natural elm wood trim. Exclusive leather interior treatment with Charcoal leather on dash, console and rear shelf; glove-soft, Light Brown Nappa leather hand-fitted to seats, head restraints, armrests and doors; plus Alcantara covering pillars, visors and ceiling. Charcoal floor mats with leather trim.
- Graphite Edition:** *designo* Graphite metallic paint. Charcoal interior with Graphite Nappa leather and brown poplar wood trim. Exclusive leather interior treatment with Charcoal leather on dash, console and rear shelf; glove-soft, Graphite Nappa leather hand-fitted to seats, head restraints, armrests and doors; plus Alcantara covering pillars, visors and ceiling. Charcoal floor mats with leather trim.

1 CD-ROM maps do not cover all areas nor all routes within an area. One regional CD-ROM is included with vehicle. 2 First year's Tele Aid service provided at no additional cost with subscription and includes 30 minutes anytime (including required acquaintance call). Subscription is required for service to be active. Tele Aid operates only where cellular and GPS coverage are available. Owner must authorize stolen vehicle tracking and file a police report. 3 When so equipped. 4 WARNING: THE FORCES OF A DEPLOYING AIR BAG CAN CAUSE SERIOUS OR FATAL INJURY TO A CHILD UNDER AGE 13. THE SAFEST SEATING POSITION FOR YOUR CHILD IS IN THE REAR SEAT. BELTED INTO AN APPROPRIATE, PROPERLY INSTALLED CHILD SEAT OR CORRECTLY WEARING A SEAT BELT IF TOO LARGE FOR A CHILD SEAT. A CHILD UNDER 13 MUST NOT USE THE FRONT SEAT UNLESS THE CHILD IS BELTED INTO AN APPROPRIATE, PROPERLY INSTALLED BABY/SMART-COMPATIBLE CHILD SEAT. A CHILD UNDER 13 WHO IS TOO LARGE FOR A CHILD SEAT MUST NOT USE THE FRONT SEAT. SEE OPERATOR'S MANUAL FOR ADDITIONAL WARNINGS AND INFORMATION ON AIR BAGS, SEAT BELTS AND CHILD SEATS. 5 Optional as part of an Option Package. See Options Packages listing above. 6 Heated rear seats and 4-place seating package must be ordered together on S55 AMG. 7 Requires power rear seats or 4-place seating package. 8 Special-order option. Vehicles with special-order items, colors or trim combinations incur a one-time surcharge and may require additional production time. 9 Z-rated tires are optimized for performance driving and may provide reduced ride comfort; increased tire noise, substantially increased treadwear and greater susceptibility to damage compared with H-rated tires. 10 Available on S430 only with special-order chestnut wood trim. 11 Requires heated or Active Ventilated front and rear seats. 12 Requires heated or Active Ventilated rear seats.

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## AUDIO AND COMMUNICATIONS

- COMMAND Cockpit:** Management and Data system integrates navigation, AM/FM stereo/weatherband radio, in-dash single-CD player/CD-ROM drive, and controls for CD changer and phone with a 6.5" color-LCD in-dash screen.
- Fiber-optic network offers precise, high-speed communication among components.
- Bose® sound system with 10 speakers includes a dash-mounted center fill speaker and a 10" Nd® Neodymium iron Boron high-efficiency woofer. Bose AudioPilot™ digital processing monitors sound within the cabin and helps compensate for unwanted ambient noise with no perceived change in audio volume.
- Integrated trunk-mounted 6-disc CD changer.
- Integrated Motorola V60™ dual-band digital portable telephone with in-car voice control system for operation of commonly used phone and audio system features.
- In-dash navigation system uses Global Positioning System (GPS) satellites to determine the current location of your car, and map databases on CD-ROM.<sup>1</sup>
- Tele Aid uses Global Positioning System (GPS) satellites to determine the current location of your car, plus a cellular link to provide 24-hour contact with Mercedes-Benz for emergency aid (SOS button), information (i-button) or Roadside Assistance (wrench button). Automatic Collision Notification engages SOS function if an air bag or Emergency Tensioning Device (ETD) deploys. Tele Aid also includes Automatic Alarm Notification, stolen vehicle tracking, and remote keyless unlocking service.<sup>2</sup>
- Tele Aid Concierge Service, standard with basic Tele Aid subscription, offers personal services via the i-button, including arrangements for restaurant, hotel, airline or car-rental reservations, tickets to cultural and sporting events or tourist attractions, and delivery of flowers or gifts.<sup>3</sup>

## INSTRUMENTATION

- Electroluminescent analog speedometer, tachometer and gauges for fuel level and coolant temperature. Digital clock, outside temperature indicator, and display of Touch Shift gear selection and standard/comfort shift mode.
- AMG-design instrument cluster.
- Automatic illumination of displays and controls based on ambient light.
- Flexible Service System calculates and displays distance remaining to next basic maintenance service based on actual driving conditions, some indicators of oil condition, and engine loads, rpm and operating temperatures. Multifunction display in speedometer face can be scrolled via steering-wheel controls to show odometer, resettable trip meter, trip computer, Flexible Service System, oil level, digital speed readout, radio/CD status, phone status,<sup>3</sup> next navigation instruction and driver-programmable vehicle settings, plus reminder and malfunction messages.
- Parktronic parking assistance system uses sound waves to help detect nearby obstacles at parking speeds, alerting driver to their proximity and direction via audio-visual indicators on dash and rear-cabin ceiling.

## RESTRAINT SYSTEMS

- Integrated Restraint System:** Driver and front passenger are each provided with a front air bag, a side-impact air bag, and a 3-point seat belt with an Emergency Tensioning Device (ETD) and belt force limiter.<sup>2</sup> Front passenger's front air bag features dual inflation rates based on impact severity. Outboard rear passengers are each provided with a door-mounted side-impact air bag and a 3-point seat belt with ETD. Center rear passenger is provided with a 3-point seat belt.
- Head Protection Curtains:** In a side impact exceeding a preset threshold, a multi-chamber air bag deploys to cover the front and rear side windows on the affected side of the car.
- Integrated rollover sensor** automatically deploys the ETDs and, if deemed necessary, the Head Protection Curtains in the event of a detected rollover. Occupancy sensor prevents the front passenger's front and side-impact air bags from deploying if the seat is unoccupied. Automatic Collision Notification engages Tele Aid SOS function if an air bag or ETD deploys.<sup>2</sup> An ETD will not deploy if seat belt is unfastened.
- PRE-SAFE®** helps prepare occupants for a possible collision before it occurs. If ESP and/or Brake Assist respond to certain vehicle dynamics but are unable to correct the situation, PRE-SAFE snugs the front seat belts via electric tensioners, adjusts the front and power rear seats<sup>3</sup> for optimal seat-belt and air-bag effectiveness, and (if a possible rollover is detected) closes the sunroof. If no collision occurs, PRE-SAFE reverses the front seat-belt tensioners, and occupants may re-adjust their seats and the sunroof.
- Universal LATCH system** Lower Anchors and Tethers for Children) at outboard rear seating positions, as well as selectable seat-belt retractors at all passenger seating positions, help secure child seats.<sup>4</sup>
- Front seat belts attached to seat frames at all lower points. Automatically height-adjusting rear shoulder belts.
- Front head restraints power-adjust for height and adjust fore-aft manually. Front head restraints and shoulder belts automatically height-adjust as the seats move fore-aft.
- Three rear-seat head restraints, manually adjustable fore-aft and driver-retractable for improved rearward vision when the rear seats are unoccupied. On models with power rear seats, rear head restraints rise automatically when seat belt is fastened.



# unrivaled confidence

## FOLLOW THE LEADER

Being the **world's premier luxury sedan** means refusing to stand still. And the compulsion to lead requires that the sumptuous S-Class sedans continually advance in technology as well. Mercedes-Benz innovations such as available **4MATIC™ all-wheel drive** and the revolutionary **new PRE-SAFE® system**, which can help prepare you better for an accident in the seconds before it happens, work to give S-Class owners added assurance. The **handsomely restyled** S-Class exterior

and an **interior bathed in rich materials** speak to the highest standards of excellence. While motivation is provided by a family of **powerful V-8 engines** and an all-new, earth-trembling **twin-turbo V-12**. So, whether you seek the graceful elegance of the S430, the technological prowess of the S500, the racing spirit of the S55 AMG, or the thundering refinement of the S600, there's an S-Class ideally suited to your driving desires.

Discover which one moves you.

S430 Sedan  
S500 Sedan  
S600 Sedan  
S55 AMG Sedan



S500 Sedan shown with optional tire-pressure monitoring system.

# intelligent choices



With power comes responsibility: The S430 and S500 Sedans both meet Ultra Low Emission Vehicle (ULEV) standards.

## S 430

4.3-liter 24-valve V-8  
275 hp @ 5,750 rpm

295 lb-ft torque @ 3,000–4,400 rpm

### SETTING THE STANDARD

Experience **luxury in one of its most elegant forms** – the S430 Sedan. This is the luxury car others aspire to be, featuring our **advanced Airmatic air suspension** that offers not only an incredibly smooth ride, but extremely responsive handling as well. Confidence is further inspired by a **powerful V-8** that gets you from 0 to 60 in just 6.9 seconds,<sup>1</sup> and – for the first time in an S-Class – **the option of 4MATIC™ all-wheel drive**. 14-way power front seats with pneumatic lumbar support make sure you arrive at your destination in relaxed comfort. And getting you there with peace of mind is a **fortress of protective features**, including the 10-way protection of eight air bags. The S430 Sedan is not only an exceptional drive, but a **surprising value** as well, with an abundance of standard comfort and convenience features.

## S 500

5.0-liter 24-valve V-8  
302 hp @ 5,600 rpm

339 lb-ft torque @ 2,700–4,250 rpm

### RAISING THE BAR

It takes but a few seconds to fall in love with the elegantly sculpted lines of the S-Class. And a brief **6.1 seconds<sup>1</sup> to rocket from 0 to 60** on the strength of the potent V-8 found in the S500 Sedan. Settle into the **heated front seats** – hand-upholstered with **glove-soft Nappa leather** – and view the fast-approaching horizon through the enhanced lighting of new **Bi-Xenon low-beam and high-beam headlamps**. And in the spacious interior – generously adorned with **hand-polished burl walnut** on the dash, doors, console and shift gate – there's plenty of room to share the experience with friends. Then again, you've already found the perfect partner for your driving adventures – the S500. And new this year, **optional 4MATIC all-wheel drive** makes those adventures steadier than ever.

### 5-SPEED TOUCH SHIFT AUTOMATIC TRANSMISSION

In designing the S-Class, the goal was simple and clear – to create the ideal blend of sports-car performance and luxury-car refinement. The S-Class **driver-adaptive transmission with Touch Shift** helps to achieve this balance by combining the hands-on excitement of manual-style shifting with the hands-free convenience of a **5-speed automatic transmission that can actually adjust to your style of driving**. Take it easy, and the transmission shifts earlier for better fuel economy. For more enthusiastic driving, it upshifts at higher revs. And when the mood strikes, Touch Shift lets you **downshift or allow upshifts with just a tap of the gearshift**. A dynamic driving experience is well within your reach.



S430 shown top left with optional tire-pressure monitoring system.  
S500 Sedan shown with optional Keyless Go and Sport Package.  
<sup>1</sup> Stated rates of acceleration are based upon manufacturer's track results and may vary depending upon model, environmental and road surface conditions, driving style, elevation and vehicle load.





Step inside for an exquisite multisensory experience that must be touched as well as seen.

## INSIDE THE S430 AND S500

Sit behind the steering wheel of the S-Class and be moved on a whole new level. **14-way power-adjustable front seats**—with premium leather on the S430 and supple Nappa leather seating surfaces on the S500—transport you to **new heights of comfort**. Dual-zone climate control is designed to deliver the **optimal cabin environment**. In addition to filters for

dust, pollen and odors, the climate control also uses sensors to **monitor smog and humidity**, and to track the sun's position to help maintain a **more consistent interior temperature**. Judging by which seat belts are buckled, the system even knows to focus first on the seats that are occupied. Your journey is made even more pleasant with elegant

**hand-polished wood trim** placed throughout the cabin—Calyptus on the S430 and burl walnut on the S500. And let the music of a **10-speaker digital Bose® sound system with AudioPilot™** processing take you anywhere you want to go. The only thing left to do is drive. Of course, we wouldn't blame you if you just wanted to sit for a while.

## COMMAND SYSTEM WITH NAVIGATION

The COMAND system lets you keep track of the radio, in-dash CD player and navigation system,<sup>1</sup> and optional phone and trunk-mounted 6-disc CD changer, via a **new, larger, 6.5" color screen**. The navigation system uses Global Positioning System (GPS) satellites and

CD-ROM maps to **get you to your destination** with the help of onscreen and/or spoken instructions. The system even lets you pick your **preferred route** profile: quickest, shortest, or freeway.



S430 Sedan shown above with optional Distronic cruise control and Parktronic system. <sup>1</sup>While the navigation system provides directional assistance, the driver must remain focused on safe driving behavior, including paying attention to traffic and street signs. The driver should utilize the system's audio cues while driving and should only consult the map or verbal displays once the vehicle has been stopped in a safe place. CD-ROM maps do not cover all areas nor all routes within an area. One regional CD-ROM is included with vehicle. In-dash CD player/CD-ROM drive can play an audio CD when system is not navigating.



elegant  
exhilaration



# S600

Twin-turbocharged 5.5-liter V-12  
493 hp @ 5,000 rpm  
590 lb-ft torque @ 1,800-3,500 rpm

The V-12 of the S600 Sedan develops a seemingly endless rush of power. And adrenaline.

## TWELVE CYLINDERS. TWO TURBOS. ONE REASON.

**4.6 seconds.** The sliver of time it takes to go from 0 to 60 mph<sup>1</sup> behind the wheel of the S600 Sedan. A **ground-quaking 493-hp twin-turbo V-12** propels you well past the limit of all but the most inventive of imaginations, while a seemingly unreal **590 lb-ft of torque** expands your definition of reality. But look beyond the

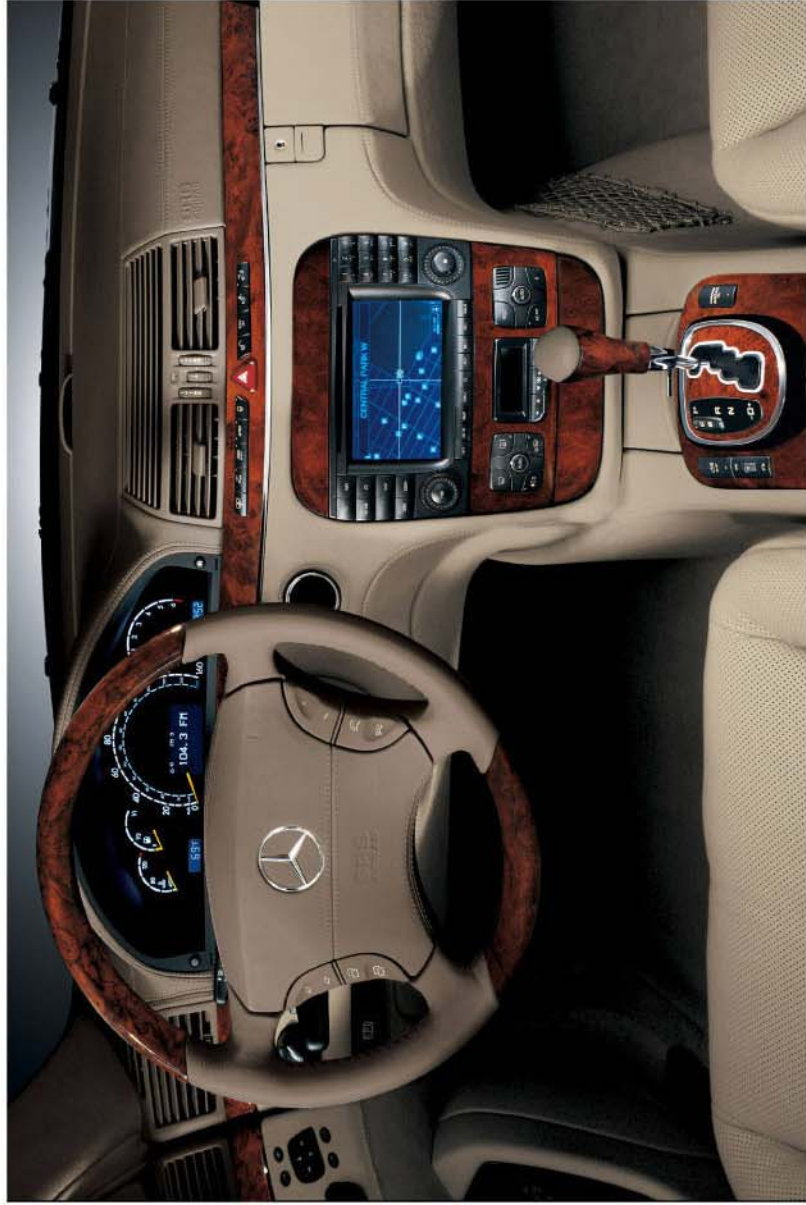
stunning acceleration and you'll find a car that thrills you in other ways as well. **New 18" forged-alloy wheels** and high-performance tires<sup>2</sup> enhance both style and handling, while our **Active Body Control (ABC)** suspension elevates the car's composure and cornering to a level that's nothing short of amazing.

There's no doubt, the S600 is comfortable with extremes, and that includes luxury extremes. Its cabin is a **handcrafted paradise** of fine wood and leather, and comfort innovations like **Active Ventilated seats** and **4-zone climate control**. The S600 leaves virtually nothing to chance. Least of all your passion for performance.

<sup>1</sup> Stated rates of acceleration are based upon manufacturer's track results and may vary depending upon model, environmental and road surface conditions, driving style, elevation and vehicle load. <sup>2</sup> Z-rated tires are optimized for performance driving and may provide reduced ride comfort, increased tire noise, substantially increased treadwear and greater susceptibility to damage compared with H-rated tires.







Once you sit behind the wheel of the S 600, it becomes clear: Inspiration comes from within.

S 600 Sedan shown with optional Distronic cruise control.

## THE INCOMPARABLE S 600 CABIN

As if the promise of its awe-inspiring V-12 engine weren't inspiration enough, there's the S 600 interior to consider. Sumptuous **hand-fitted Nappa leather** covers the seats, dash, console, armrests and rear shelf, while **generous appointments of burli walnut** are applied throughout, right down to the **rear vanity mirror trim**. Relish the comfort of **Active Ventilated front seats** that can warm you, cool you and help keep you dry with eight tiny internal fans. And **dynamic multicontour front seatbacks**

that adjust pneumatically to your optimal level of support and can soothe you with a relaxing back massage. Every passenger will appreciate the **4-zone climate control**, which allows for a separate temperature environment for each quadrant of the spacious S 600 interior. The **rear seats are heated and power-adjustable**, with lumbar adjustment for outboard passengers. And perhaps the only thing more pleasing to the ear than the music of 12 cylinders in a perfect rhythm is the sonic pleasure of a

**10-speaker digital Bose® sound system with 6-disc CD changer**. There's also the convenience of the **Motorola V60™ digital phone with a voice control system** that lets you dial a phone number or even adjust the sound system simply by speaking. The S 600 cabin is so complete, it even attends to your peace of mind with the **Parktronic parking assistance system** that alerts you to obstacles in your path. Rarely do you find a place that displays such a deep an understanding of both power and pleasure.





# advanced thinking

## PRE-SAFE

### WHEN THERE'S NOTHING ELSE YOU CAN DO

Introducing **the next big idea in safety**. It's called **PRE-SAFE®** and it's exclusive to the 2003 S-Class. PRE-SAFE is nothing short of a revolution, because **it can help prepare you better when the next big thing in your life may be an unavoidable collision**. PRE-SAFE uses two of the accident-avoidance systems already in every S-Class – Brake Assist and our Electronic Stability Program. If ESP or Brake Assist are activated but are not correcting a situation, PRE-SAFE takes action to protect you **before a possible collision occurs**. Electric tensioners instantly snug up the front seat belts. PRE-SAFE positions the front passenger's seat (and power rear seats, if so equipped) into a more favorable position for air-bag and seat-belt effectiveness. And should severe skidding motion predict that a rollover is likely, PRE-SAFE closes the sunroof. **Ultimately, if there is no accident**, all the better. The seat-belt tensioners reverse. You readjust your seats. Open the sunroof. And everything is just the way it was before. Except, maybe, your heart rate, and your heartfelt appreciation of the safety engineers at Mercedes-Benz.



- 1 > Driver sees hazardous situation.
- 2 > Driver brakes quickly and/or attempts evasive maneuver.
- 3 > Brake Assist and/or ESP react to driver's inputs.
- 4 > PRE-SAFE senses that situation exceeds corrective capabilities of Brake Assist and ESP.
- 5 > Driver's and front passenger's seat belts are electrically tensioned to remove slack.
- 6 > Front passenger's seat detected to be in unfavorable position. PRE-SAFE moves seat rearward, tilts cushion down at rear, and moves seatback more upright.
- 7 > Optional power rear seats are also adjusted to more favorable position.
- 8 > Severe skidding motion suggests possible rollover: PRE-SAFE closes sunroof.
- 9 > Collision narrowly averted.
- 10 > PRE-SAFE reverses front seat-belt tensioners.
- 11 > Occupants adjust seats to previous settings.
- 12 > Driver opens sunroof. Birds chirp. All is well.





# guardian angles

## YOUR SAFETY IS OUR BUSINESS

Every Mercedes-Benz is developed from the ground up with safety engineering in mind. Extensive crash testing from multiple angles has resulted in **decades of safety innovations**. For example, the S-Class features our **ellipsoidal bulkhead**. Located behind the front crumple zone, it helps to channel impact energy under, over and around the passenger cabin. There's also our **integrated restraint system, featuring the 10-way protection of eight air bags!** including innovative **Head Protection Curtains** that help to protect the front and outboard rear occupants from broken glass and head injuries. **Side-impact**

**air bags in all four doors** help protect the vital torso area. The front passenger's front air bag is designed to inflate in two stages, depending on impact severity. In addition, each outboard 3-point seat belt is equipped with an **Emergency Tensioning Device (ETD)**, while the front seat belts are equipped with **belt-force limiters** designed to more evenly distribute peak impact energy between the belts and the front air bags. **If your S-Class senses a rollover**, it will automatically activate the ETDs to help hold the occupants, and, if deemed necessary, deploy the Head Protection Curtains. And finally, if an air bag or ETD deploys, the **Tele Aid system automatically summons emergency aid** to your precise location, even if you are unable to make the call yourself.<sup>2</sup>



Photographs of air bags are for illustration purposes only. Front air bags, once inflated, begin to deflate immediately to provide a cushioning effect. The door-mounted side-impact air bags and Head Protection Curtains remain inflated after deployment. **1 WARNING: THE FORCES OF A DEPLOYING AIR BAG CAN CAUSE SERIOUS OR FATAL INJURY TO A CHILD UNDER AGE 13. THE SAFEST SEATING POSITION FOR YOUR CHILD IS IN THE REAR SEAT, BELTED INTO AN APPROPRIATE, PROPERLY INSTALLED CHILD SEAT, OR CORRECTLY WEARING A SEAT BELT IF TOO LARGE FOR A CHILD SEAT. A CHILD UNDER 13 MUST NOT USE THE FRONT SEAT UNLESS THE CHILD IS BELTED INTO AN APPROPRIATE, PROPERLY INSTALLED BABYSMART-COMPATIBLE CHILD SEAT. A CHILD UNDER 13 WHO IS TOO LARGE FOR A CHILD SEAT MUST NOT USE THE FRONT SEAT. SEE OPERATOR'S MANUAL FOR ADDITIONAL WARNINGS AND INFORMATION ON AIR BAGS, SEAT BELTS AND CHILD SEATS. 2** First year's Tele Aid service provided at no additional cost with subscription and includes 30 minutes airtime (including required acquaintance call). Subscription is required for service to be active. Tele Aid operates only where cellular and global positioning system coverage are available.



# designo

## EDITIONS

Silver Edition

Espresso Edition

Graphite Edition

### A PERSONAL TOUCH

Escape conformity in one of three exclusive *designo* editions offered on the S-Class — each **an individual expression of handcrafted luxury**. Whether you choose the cool Silver Edition, the sultry Espresso Edition or the sophisticated Graphite Edition, you'll find yourself surrounded by an exquisite blend of color and materials. Each cabin is generously appointed in **buttery-soft hand-fitted Nappa leather**, as well as **lustrous *designo* wood trim** that's shaped and finished by hand. Each features our Exclusive interior treatment, with leather covering the dash, doors and console, and suede-like Alcantara covering the pillars, sun visors and ceiling. Finally, each *designo* edition is bathed in **an exterior finish that's as rich in color as it is in appeal**.



### SILVER EDITION<sup>1</sup>

Beyond the *designo* Silver metallic paint lies a world of sensory pleasures. It begins with our Exclusive interior treatment, where glove-soft ***designo* Stone Nappa leather** trims the seats, head restraints, door inserts and center armrests. Rich **brown poplar wood** adorns the steering wheel, shift knob, dash and doors. And at your feet, the *designo* floor mats feature leather borders.



### ESPRESSO EDITION

Rich *designo* Mocha Black metallic paint draws you inside — where you'll discover a Charcoal Exclusive leather interior with ***designo* Light Brown Nappa leather** on the seats, head restraints, center armrests and door-trim inserts. Hand-polished **Natural elm wood** trims the cabin. And the *designo* floor mats are edged in Charcoal leather.



### GRAPHITE EDITION

The elegant *designo* Graphite metallic paint invites a closer look. The interior blends Charcoal Exclusive leather and soft, hand-fitted ***designo* Graphite Nappa leather with Charcoal stitching** and handsome **brown poplar wood** trim. You'll also enjoy the look and feel of **Charcoal leather** on the wood-trimmed steering wheel<sup>1</sup> and shift knob, and encircling each of the *designo* floor mats.

# rare beauty



# breathhtaking

# S 55 AMG

Handcrafted, supercharged 5,439-cc 24-valve V-8  
493 hp @ 6,100 rpm  
516 lb-ft torque @ 2,750-4,000 rpm



## A HIGHER LEVEL OF PERFECTION

In a small town outside Stuttgart, automotive technology and passion merge into one. Here, with experience gained building champion racecars, AMG engineers transform the already extraordinary S-Class into the hard-charging S 55 AMG. Wide **18" double-spoke AMG wheels** blur as the S 55's handcrafted, supercharged and intercooled V-8 bolts the car from **0 to 60 in a mere 4.6 seconds<sup>1</sup>** with the stampede of 493 horsepower rushing freely through the **dual sport exhaust**. The Active Body Control is programmed for even sharper command of the corners. Outside, the S 55 AMG's high-performance motives are made clear by **aggressive AMG-design lower body-work**. Welcome to driving-enthusiast heaven.

A 493-horsepower sports car. A supremely appointed luxury car of the highest standard. A paradox we refer to simply as the S 55 AMG.

## BUILT FOR SPEED

The heart of this performance machine is an **AMG-built 5,439-cc supercharged V-8** with a staggering 516 lb-ft of peak torque from 2,750 to 4,000 rpm. Each engine is **handcrafted by a single engine builder** to produce 493 hp, catapulting the S 55 from 0 to 60 in under five seconds.<sup>1</sup> You'll feel the snap-to-attention response of **35% faster gear shifts** with AMG's SpeedShift transmission programming which can prevent unwanted upshifts in corners and downshift automatically during braking. In manual mode, you get **fingertip control of shifting** via buttons on the steering wheel. Hit the brakes and you'll experience the **brute stopping power** of cross-drilled 14.2" front discs with AMG 8-piston calipers and 13.0" rear discs with 4-piston calipers. Not that you'll ever want to stop.

S 55 AMG Sedan shown with optional Distronic cruise control and Keyless Go.

<sup>1</sup> Stated rates of acceleration are based upon manufacturer's track results and may vary depending upon model, environmental and road surface conditions, driving style, elevation and vehicle load.





# intense



Grab hold of the steering wheel and you'll know: The S55 AMG is bred for serious driving.



## THE PERFORMANCE WITHIN

The S55 AMG interior confirms this supercar's performance purpose with spirited eloquence. Exclusive AMG instrumentation includes a **200-mph speedometer**<sup>1</sup>. Should you desire manual shifting, it's available at your fingertips via buttons behind the upper steering-wheel spokes. The new **Drive-Dynamic front seats** support your habit for enthusiastic cornering—literally and laterally: Take a hard left, and the right bolster inflates for increased support. A hard right and, well, you get the idea. You'll also appreciate how the **Active Ventilated front seats** can warm you or help keep you cooler. As a finishing detail, the **hand-fitted AMG-design Nappa leather** is adorned with metal badges on the seats, reminding you that this isn't just any car—it's a Mercedes-AMG. As if the absolute presence and performance didn't give that away already.

S55 AMG Sedan shown with optional Keyless Go, Parktronic system and Distronic cruise control. <sup>1</sup>Top speed electronically limited to 155 mph. Obey all speed laws.

# SPORT PACKAGE

## LOOKS CAN THRILL

The **spirit of performance** takes form with the S-Class Sport Package option, available for the S430, S500 and S600 Sedans. An **aggressive AMG-design** front air dam tames the wind. From here, the air slips sensuously past sculpted lower side sills and around a seductively styled rear apron. The Sport Package

also includes huge, **staggered-width 18" AMG monoblock wheels** wrapped in sharp-turning 245/45ZR18 tires in front and asphalt-grabbing 265/40ZR18 rubber in back! If you want to draw more attention to the enthusiast personality of your S-Class, the Sport Package is unquestionably the look to pursue.



S500 Sedan shown with optional tire-pressure monitoring system, Keyless Go and Sport Package. 1 Z-rated tires are optimized for performance driving and may provide reduced ride comfort, increased tire noise, substantially increased treadwear and greater susceptibility to damage compared with H-rated tires. Models equipped with both the Sport Package and 4MATIC™ all-wheel drive include equal-size front and rear wheels and 245/45ZR18 tires.



## S-CLASS FEATURES AND OPTIONS

### RAIN-SENSING WIPERS

The S-Class intermittent wipers automatically adjust their frequency for you, based on the amount of rainfall that an infrared sensor detects on the windshield glass.



### SMARTKEY

The compact SmartKey can remotely lock and unlock the doors, open and close the windows, or even open the trunk. It also starts your S-Class with a **unique electronic code** that's virtually impossible for thieves to copy.



### DRIVE-DYNAMIC FRONT SEATS<sup>1</sup>

Air chambers located within the left and right seat bolsters automatically inflate and deflate during hard cornering, for **maximum lateral support**.



### 6-DISC CD CHANGER<sup>2</sup>

The 6-disc CD changer is concealed in the trunk, but you can operate it from the in-dash COMAND center and handy **steering-wheel controls**.



### ENTRANCE LAMPS

To assist your approach when it's dark out, remote-unlocking your S-Class automatically illuminates entrance lamps in both the **outside mirrors** and the **interior door trim**.



### FLEXIBLE SERVICE SYSTEM

The Flexible Service System in the S-Class **determines basic maintenance intervals** based on how you drive, not just how far.



### BI-XENON HEADLAMPS<sup>3</sup>

These **distinctive low-beam and high-beam** headlamps use an electrified arc of xenon gas to generate a light that's perceived **more like natural daylight**. The automatic leveling feature of the headlamps helps cut glare.



### POWER REAR SUNSHADE

When the sun blazes in, the fine-mesh power rear-window sunshade **helps to keep the cabin of the S-Class cooler** while still maintaining the driver's rear view.



### ACTIVE VENTILATED SEATS<sup>2</sup>

Available for the front and rear seats, each Active Ventilated seat contains eight tiny fans that can **circulate cooling air** around you at the touch of a button. Or if you desire soothing warmth, the seats also offer **two levels of heating**.



<sup>1</sup>Optional on S430, S500 and S600. <sup>2</sup>Optional on S430 and S500. <sup>3</sup>Optional on S430.



## S-CLASS FEATURES AND OPTIONS

### MOTOROLA V60 DIGITAL PHONE<sup>1</sup>

The ultracompact Motorola V60™ portable digital phone docks in the center console of your S-Class to give you hands-free operation and voice control of the phone and audio system.



### REAR SIDE-WINDOW SUNSHADES

These optional fine-mesh manual roller blinds help keep the cabin cooler while providing added privacy for your rear-seat passengers.



### ONBOARD TIRE-PRESSURE MONITORING SYSTEM

This option monitors the air pressure and temperature of the four mounted tires, and alerts you via the **in-dash message center** if any tire's pressure is not within a specified range.



### HEATED STEERING WHEEL<sup>2</sup>

This new option helps take some of the chill out of a cold day. The touch of a button brings **quick warmth to the leather of the steering-wheel rim**.



### PARKTRONIC SYSTEM<sup>1</sup>

When you're parking, this innovative feature uses sound waves to **detect nearby front or rear obstacles**. Audio and visual indicators in the cabin alert you to objects that might not be within your line of sight.



### DISTRONIC CRUISE CONTROL<sup>3</sup>

This option — the first adaptive cruise control — monitors the distance to vehicles ahead to help **maintain your speed and following distance automatically**.



### KEYLESS GO

Keep the optional Keyless Go card **in your pocket or purse**, and, **at a touch**, you can lock and unlock your S-Class, and start and stop its engine — all without ever having to use a key.



### ELECTRONIC TRUNK CLOSER

This optional feature allows you to **power-close the fully open trunk lid without touching it**. Push a button in the cabin or inside the trunk, and the lid closes itself.



<sup>1</sup> Optional on S430, S500 and S55 AMG. <sup>2</sup> Not available on S55 AMG and *designo* editions. <sup>3</sup> DISTRONIC adaptive cruise control is no substitute for active driving involvement. It does not react to stationary objects, nor recognize or predict the curvature and lane layout of the road or the movement of vehicles ahead, and it can only apply a maximum of 20% of vehicle braking power. It is the driver's responsibility at all times to be attentive to traffic and road conditions, and to provide the steering, braking and other driving inputs necessary to retain control of the vehicle.



# suspend disbelief



## AIRMATIC AIR SUSPENSION

A 4-wheel independent multilink suspension provides the foundation for the composed ride and superb handling of the S-Class sedan. Up front, there's a 4-link setup with anti-dive geometry. In the rear, you'll find a refinement of the independent 5-arm multilink design first patented by Mercedes-Benz. Adding to your driving pleasure is **Airmatic air suspension** — standard on the S 430 and S 500. Self-leveling Airmatic uses adjustable air springs to maintain an **ideally balanced ride**. At higher speeds, the suspension automatically lowers the car, improving aerodynamics and fuel efficiency. Also standard is **our Adaptive Damping System (ADS II)**, which senses changes in road surfaces and instantly adjusts each wheel's suspension, for exceptional cornering prowess. And, depending on what kind of driving you're in the mood for, you can **select from three damping profiles**. You can choose the standard Comfort mode or one of two Sport modes. The decision is yours — as are the rewards.

## ACTIVE BODY CONTROL

Imagine a vehicle whose handling approaches that of a racecar, yet with true luxury-sedan composure. Active Body Control (ABC), standard on the S 55 AMG and the S 600 and optional on the S 430 and S 500, provides the best of both worlds. **The only fully active suspension in production**, ABC uses a system of sensors and electronically controlled

high-pressure hydraulics to **instantly counteract the forces of vibration, pitch, dive, squat and roll**. Want more? The touch of a button activates the Sport mode, **virtually eliminating body roll in corners**. ABC also lowers the ride height automatically as your speed increases. It even allows you to raise the car to one of two levels at the push of

a button. And one last detail we think you should know: Racing authorities no longer allow active suspension systems in competition. Why? It gives drivers too much of a handling advantage. Too good for racing? That kind of an advantage sounds very, very good for driving in the real world.

Having already invented the automobile, the only thing left to do was to reinvent the way it drives.



# 4-way connection

## 4MATIC ALL-WHEEL DRIVE

While you have the means to control the climate within your S-Class, we have yet to find a way to control the weather outside.

We have found a way to adapt, however: 4MATIC™ all-wheel drive is now available for the S 430 and S 500. 4MATIC is a **fully automatic, full-time all-wheel drive system that helps keep you in command** of the road, whether snow is falling or the sun is shining. 4MATIC works seamlessly with our

Electronic Stability Program (ESP), and **includes our 4-wheel Electronic Traction System (4-ETS)** to monitor traction at each wheel. If one or more wheels start to slip, the system can apply the appropriate brakes, to help ensure that **power goes to the wheel or wheels with traction**, or reduce excess engine torque until control is regained. Traction: a driving experience that inspires confidence and enthusiasm in any season.†

S 430 Sedan shown with optional 4MATIC all-wheel drive. † No system, no matter how sophisticated, can repeal the laws of physics. Performance is limited by available traction, which snow, ice and other conditions can affect. Always drive carefully, consistent with conditions. Best performance in snow is obtained with winter tires.

A new era of S-Class confidence, safety and performance has arrived.





Overcome the obstacles life or the road may throw your way.



### ELECTRONIC STABILITY PROGRAM

Intrinsic to the S-Class is a phenomenal sense of balance and poise. Credit goes to innovative technologies like our Electronic Stability Program (ESP). Instead of plowing or fishtailing in a turn, the S-Class with ESP works to keep you on track. **ESP monitors your braking and steering input and, upon sensing deviation from your intended path, corrects for oversteer and understeer by applying individual brakes and/or reducing excess engine power.** Something you'll appreciate whether you find yourself in the middle of an emergency maneuver or at the apex of an exhilarating hairpin turn.

### AUTOMATIC SLIP CONTROL

ESP incorporates Automatic Slip Control (ASR), which **counteracts drive-wheel slip under acceleration** in low-traction conditions such as in rain or snow, or on loose surfaces. If ASR senses wheelspin, it brakes the slipping wheel to balance power to the wheel with grip, or reduces excess torque to help you maintain control.

### STOPPING POWER

While 0–60 acceleration is important, sometimes it's how quickly you can get back to 0 that matters most. For these situations, the S-Class is equipped with internally ventilated 4-wheel disc brakes, including cross-drilled front discs with powerful Brembo calipers for **assured, controlled stops — time after time.**

### BRAKE ASSIST

You would expect to find the enhanced car control of an Antilock Braking System (ABS) on any luxury car. Naturally, the S-Class offers ABS and more. Mercedes-Benz research has shown that drivers tend not to apply the brakes hard enough, soon enough, in an emergency. To help overcome this tendency, Mercedes engineers developed Brake Assist. By **sensing a panic stop** based on the speed at which you depress the brake pedal, Brake Assist **automatically applies all available power braking boost immediately.** By eliminating the delay caused by human nature, Brake Assist can potentially **reduce your overall stopping distances when it matters most.**<sup>2</sup>



S500 Sedan shown with optional Sport Package.  
1 No system, no matter how sophisticated, can repeal the laws of physics or overcome careless driving actions. Please always wear your seat belt.  
2 Braking effectiveness also depends on proper brake system maintenance, and tire and road conditions.