



2020 Mercedes-Benz S 450 & S 450 4MATIC Sedan

Vehicle Type	Four-door, five passenger sedan
Chassis	Aluminum unibody
Drive Configuration	Rear-Wheel Drive / 4MATIC All-Wheel Drive

Exterior Dimensions (in)	
Wheelbase	124.6
Length	206.9
Width (w/ mirrors)	83.9
Width (w/o mirrors)	74.8
Height	58.8
Track (front / rear)	63.9 / 64.4
Ground Clearance (max load)	5.0
Curb Weight (lbs)	4,553 est. / 4,685 est.

Interior Dimensions (in)	
Head room (front/rear)	39.7 / 37.4
Leg room (front/rear)	41.4 / 34.1
Shoulder room (front/rear)	59.7 / 59.1

Capacities (cu-ft)	
Cabin Volume	TBA
Trunk Size	16.3

Suspension	
Front	Independent multi-link suspension with air spring, single-tube shock absorber with continuously adjustable damping and tubular torsion bar
Rear	Independent multi-link suspension with air spring, single-tube shock absorber with continuously adjustable damping and tubular torsion bar

Steering	
Type	Speed-dependent, electro-mechanical rack-and-pinion
Ratio	15.5 : 1
Turning Circle (ft)	40.4

Brake Disc Diameter / Thickness (in)	
Front	14.6 / TBA
Rear	TBA / 1.0

Standard Wheels (in)	
Front	8.0 x 18 (Cast)
Rear	8.0 x 18 (Cast)

Standard Tires	
Front	245 / 50 R18
Rear	245 / 50 R18

Engine	
Engine Type	3.0L V6 biturbo
Engine Material	Aluminum-Alloy
Valvetrain / Arrangement	DOHC, 4-valves per cylinder
Displacement (cc)	2,996
Bore (in / mm)	3.27 / 83.0
Stroke (in / mm)	3.62 / 92.0
Compression Ratio	10.5 : 1
Horsepower @ rpm	362 @ 5,500 - 6,000
Torque @ rpm	369 @ 1,800 - 4,500
Redline (rpm)	6,300

Transmission	
Transmission Type	9G-TRONIC 9-speed automatic
Shift Controls	Wheel-mounted shift paddles
Gear Ratios:	
1st	5.35 : 1
2nd	3.24 : 1
3rd	2.25 : 1
4th	1.64 : 1
5th	1.21 : 1
6th	1.00 : 1
7th	0.86 : 1
8th	0.72 : 1
9th	0.60 : 1
Reverse	4.80 : 1
Final Drive	2.82 : 1

Performance	
0-60 mph (sec)	5.0 (4MATIC: 4.8)
Top Speed (mph)	130 (electronically limited)

Fuel Economy	
City / Highway / Combined (mpg)	19/28/22 (4MATIC: 18/28/22)
Fuel Tank (gallons)	21.13

MSRP*	
S 450 Sedan (RWD)	\$94,250
S 450 4MATIC Sedan	\$97,250

*does not include \$995 destination & delivery charge

Note: Technical specifications subject to change

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