



 **350 SE**



It's not just the completely new, sleek body shape of the Mercedes-Benz 350 SE that makes it so different. Or the matchless quality of its 3.5 V8 engine. Quite simply, it's that, in terms of straight line stability, comfort and safety, it's as perfect as a production saloon can be.

Take the brand new front axle design, for instance. First tested on the experimental C.111 coupe, it was then further developed for series production. And is now so insensitive to braking forces that even during braking with one brake completely disconnected, there's no 'tugging' at the steering wheel.

Meaning, too, that if a front tyre bursts at speed, the car's stable enough to handle it.

You'll find other incomparable safety features as well: Like the sturdier passenger 'cell'. And the roof and side pillars that can withstand incredible degrees of roll-over and impact shock.

There's even a channel at each side of the windscreen to catch dust and dirt and direct it away so you've better vision through the side and back windows.

You'll drive in even more comfort too.

There's a highly sophisticated heating and ventilation system which even uses the doors as convectors to keep you warm or cool.

There's more leg room. And, as you can see, there are new infinitely adjustable front seats.

One thing you can't see, though. Yet perhaps it's the most significant feature of all:

The years of development that went into the 350 SE's production.



Mercedes-Benz 350SE

Technical Data (for Great Britain)

Engine

Number of cylinders	V8
Valve arrangement	Single overhead camshaft on each bank of cylinders
Cubic capacity	3,499 cc
Engine output	200 DIN/hp at 5,800 rpm
Maximum rpm	6,300
Bore/stroke	92/65.8 mm
Compression ratio	9.5:1
Maximum torque	29.2 mkp DIN at 4,000 rpm
Fuel injection system	Electronically controlled fuel injection with automatic choke.
Crankshaft bearings	5 multi-layer bearings with steel-backed shells.
Connecting rod bearings	Multi-layer bearings with steel-backed shells.
Oil cooling	Air/oil cooler
Engine oil capacity max./min.	15.9/13.2 pts.
Cooling	Water circulation through pump, by-pass thermostat, visco-fan.
Electric system	12 Volts alternator. 770 Watts max.
Battery capacity	66 Ah

Power transmission

Clutch	Single dry plate clutch	
Transmission	4 speed all synchromesh gearbox, with floor shift.	Optional extra. MB 3 speed automatic transmission.
Transmission ratios	Manual	MB automatic
1st gear	3.96	2.31
2nd gear	2.34	1.46
3rd gear	1.43	1.00
4th gear	1.00	
Reverse	3.72	1.84
Maximum speed in the individual gears (approx.)	Manual	MB automatic
1st gear	34 mph	56 mph
2nd gear	56 mph	93 mph
3rd gear	93 mph	124 mph
4th gear	127 mph	
Rear axle ratio	3.46:1	
Engine speed at 60 mph	2,945 rpm	3,295 rpm

Suspension

Body	Frame-floor construction
Front wheel suspension	Maintenance free axle with double wishbones, progressive anti-dive control, two coil springs, hydraulic telescopic shock absorbers, anti-roll bar, zero-offset steering.
Rear axle	Diagonal swing axle, 2 coil springs with rubber auxiliary springs, hydraulic telescopic shock absorbers, anti-roll bar, rear axle support mounted in rubber. Optional extra: self-levelling device.
Braking system	Hydraulic servo-assisted dual-circuit braking system, disc brakes all round. Mechanical, operating on rear wheels
Steering	MB power assisted steering with steering shock absorber.
Tyre size	205/70 VR 14 (tubed radials)

Dimensions

Wheelbase	112.8 ins.	2,865 mm
Track width, front	60.0 ins.	1,525 mm
Track width, rear	59.3 ins.	1,505 mm
Overall length	195.3 ins.	4,960 mm
width	73.4 ins.	1,865 mm
height (unladen)	56.1 ins.	1,425 mm
Turning circle	37.5 ft.	11.44 m
Tank capacity	21.1 gal.	
incl. reserve	2.86 gal. (approx.)	

Weights

Kerb weight (unladen weight acc. to DIN 70020)	3,695 lb.	1,675 kg.
Permissible total weight	4,840 lb.	2,195 kg.
Permissible axle load front	2,335 lb.	1,060 kg.
rear	2,505 lb.	1,135 kg.

Performance

Maximum speed with manual transmission	127 mph approx.
with MB automatic transmission	124 mph approx.
Acceleration through the gears (0-62 mph)	9.5 secs. approx.
Fuel consumption acc. to DIN 70030*	23 mpg at 68 mph
	Average consumption 16-27 mpg

*This is a comparative value, established under controlled conditions, and not the actual amount of fuel consumed.

Every effort has been made to ensure that the illustrations and descriptions in this brochure are accurate. However, the right is reserved to make improvements at any time without public announcement, including major and minor modifications and changes of detail, equipment and accessories as considered necessary.

