



CITROËN  SM

A sports car, a Grand Touring car, the SM is even more than this, for it adds the greatest luxury to great performance, down to the smallest detail.

With its comfort and its exceptional road-handling, the SM presents a refinement in well-being and safety unheard of to this day. On every point, the SM is made to win.

Avant-garde techniques

The SM incorporates all the techniques successfully tested and perfected on the DS. The Hydropneumatic suspension gives this front-wheel-drive car prodigious road-handling and comfort, at all speeds and on all road surfaces. The power-assisted steering system is unique in the world: on stopping, the wheels are automatically returned to the straight ahead position. In town, you can steer the SM with just the finger-tips, but on the road, as the speed climbs, the steering stiffens and the driver can thus enjoy far better and more precise steering control.

Disc brakes are on each of the four independent wheels. An automatic brake pressure distributor plus dual separated circuits guarantee the operation of the braking system at all times.

Another exclusive Citroen feature: self-levelling headlamps. (All six are quartz iodine) low beam, wide angle and directional headlamps for lighting corners.

A Maserati Engine

SM was designed for an exceptional power unit - Citroen chose Maserati.

The SM has a 2670 cc V6 Maserati engine which develops 178 bhp DIN at 5500 rpm, 188 bhp SAE at 6250 rpm.

It powers the car to over 141 mph and enables it to cover, from standing, a quarter mile in 16.0 seconds and to 60 mph in 8.0 seconds. The cylinder block, the cylinder heads and the oil cooler are in light alloy; four overhead cams



govern the valves and the Electronic Fuel Injection System feeds the engine.

The five-speed gearbox enables the car to travel over long distances on motorways at the most advantageous engine speed and its range gives it flexibility in town driving. At speed, the SM has true arrow-like stability. It is the fastest front drive car ever.

Grand Touring

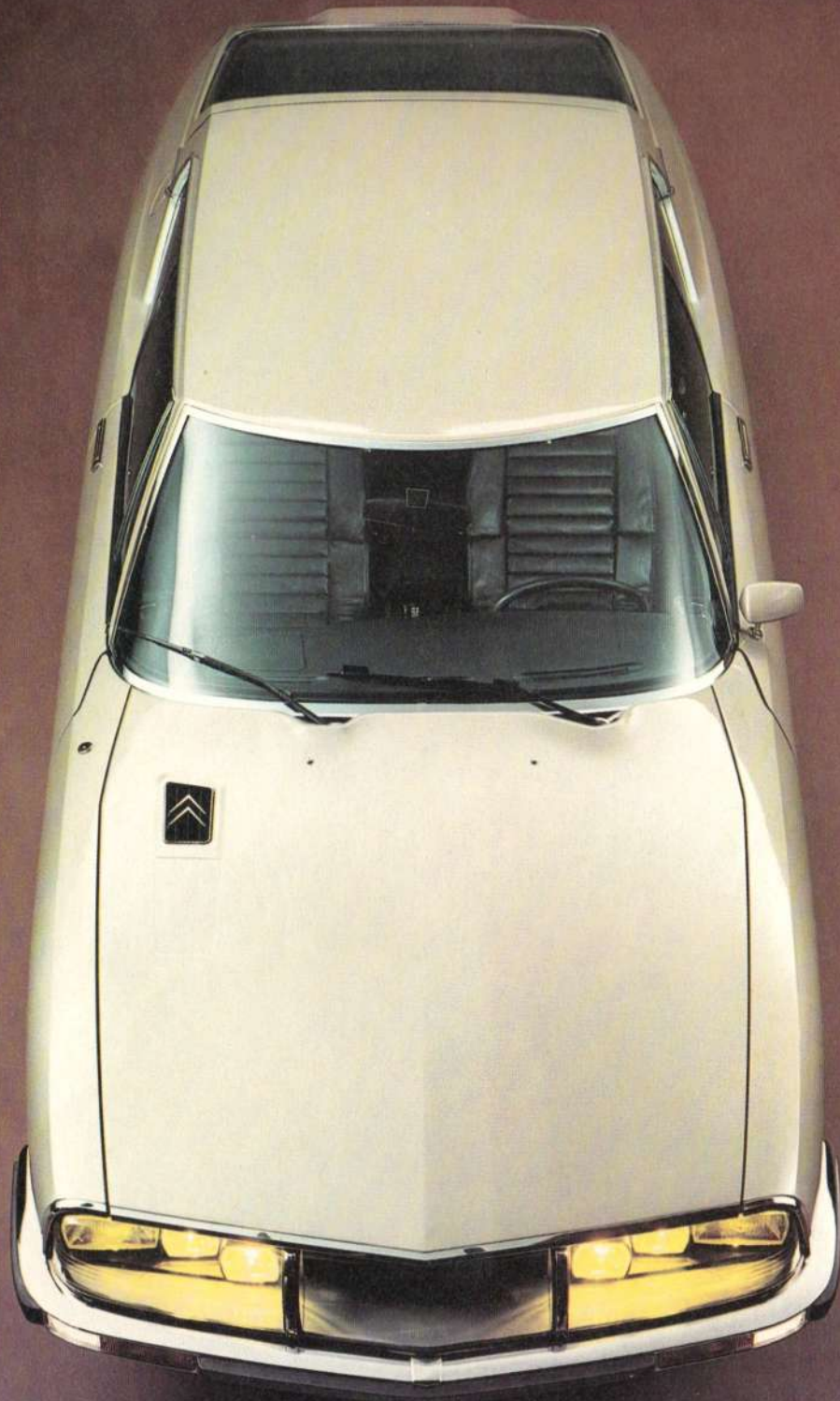
The body is free of all sharp edges or jagged shapes, to give the car a better air-penetration co-efficient; the headlights and licence plate are encased behind curved glass; the side windows, which are electronically operated, are also curved.

Ergonomics have been carefully considered in the cockpit, despite the strong stylist's influence in the design detail.

The interior equipment is of the utmost refinement. Seats with adjustable height, inclination and depth can adapt to any build and driving habit. The headrests are also fully adjustable in height and depth.

The steering-wheel is oval, small in diameter and covered with foam rubber for firm but easy grip. The driver can adjust it in height and depth to place it wherever it best suits.

In addition to the speedometer and the electronic tachometer, the dashboard comprises a built-in braking distance indicator and a warning panel indicating the correct functioning of the car's essential equipment, such as oil pressure, brake pressure, brake pad wear, handbrake warning light, etc. The heating, demisting and fresh-air ventilation systems operate independently of the car's speed since ventilation of rheostat controlled and heating is regulated by a thermostat. Air conditioning equipment is also available. But the interior luxury of the SM also means a host of details which create a particular atmosphere, an atmosphere of total comfort that cannot be found in any other car.





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Engine: Maserati type C114/03

6 cylinders in 90° Vee

Bore and Stroke 87 × 75 mm

Capacity 2670 cc

Compression ratio 9:1 (fuel: Super)

Four overhead camshafts chain-driven

Cylinder heads and blocks in light alloy

Detachable cylinder liners

Light alloy oil cooler. Oil filter

Electronic Fuel Injection

Bendix electric fuel pump

12 volts 70 A/h battery. 780w alternator

Cross-flow radiator. Twin thermostat-controlled electric fans.

Maximum Power: 178 bhp DIN @ 5500 rpm

188 bhp SAE @ 6250 rpm

Maximum Torque: 171 ft/lb DIN @ 4000 rpm

174 ft/lb SAE @ 4000 rpm

Transmission: Front wheel drive with constant velocity driveshafts. Hydraulically operated diaphragm-clutch.**Gearbox:** 5-speed synchromesh plus reverse

Floor mounted gear lever

Chassis: Unit construction**Weight:** (in running order) 3284 lb

Total laden weight 4122 lb

Suspension: Hydropneumatic independent front and rear, with trailing arms and four Hydropneumatic suspension spheres.

Forward and rear anti-roll bars controlling height correctors which maintain constant ground clearance regardless of load.

Manual over-ride lever for jacking when wheel changing etc.

Brakes: Discs on all four wheels. Full power-operated system, with twin-circuits, brake pressure distributor, independent power reserve, hand brake acting on front discs.**Fuel Tank:** 20 gallons**Tyres:** Michelin 205/70 VR 15X**Steering:** Power-operated, rack and pinion, assistance variable according to speed.

Automatic return control to straight ahead position when vehicle stationary.

Steering column with double universal joints.

Dimensions: Length: 16 ft. 0 $\frac{1}{8}$ in.Width: 6 ft. 0 $\frac{1}{4}$ in.Height (Constant): 4 ft. 4 $\frac{1}{8}$ in.Ground clearance (Constant): 6 $\frac{1}{8}$ in.**Body and Equipment:** Electrically operated curved glass windows.

2 adjustable bucket-seats – for combination of rake, height and length.

2 fully adjustable headrests.

Rear bench with 2 bucket shaped seats.

Central arm rests, lateral arm rests and ashtrays.

Fabric or leather cloth upholstery. Pile carpeting.

Performance: Maximum speed approximately 141 mph.

Acceleration (with driver only): standing quarter mile in 16.0 seconds. 0–60 in 8.0 seconds.

Mileage: Fuel consumption 25.22 mpg DIN. Fuel economy touring range is well in excess of 400 miles.**Optional Equipment:**

Air-conditioning

Radio

Fog-lamps

Tinted glass

Natural or black leather upholstery

NOTE: In accordance with the Citroen policy of progressive improvement the right is reserved to alter any details of price, specification and equipment without notice. Citroen Cars Ltd., Slough, SL1 4QA, Bucks. Telephone Slough 23811. Telex 847053.

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