

The **Swallow
doretti**



Hundred mile an hour ELEGANCE

The Swallow

TWO LITRE SPORTS

doretta

The Swallow

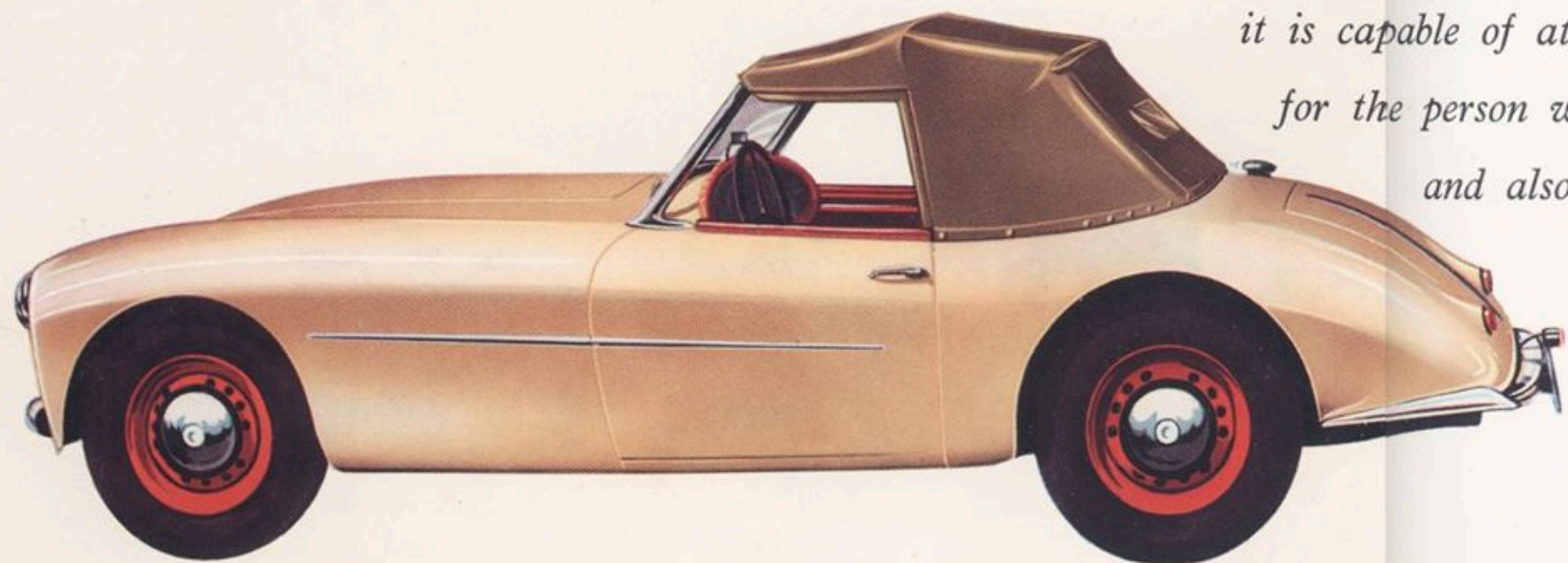
for the sporting driver who wants high-speed safe motoring, the Swallow 'Doretta'

provides just this. Exhaustive tests have proved its outstanding performance and stability.

The 'Doretta' is a De Luxe car at a competitive price and includes a special tubular chassis to withstand the most arduous tests of constant high-speed work.

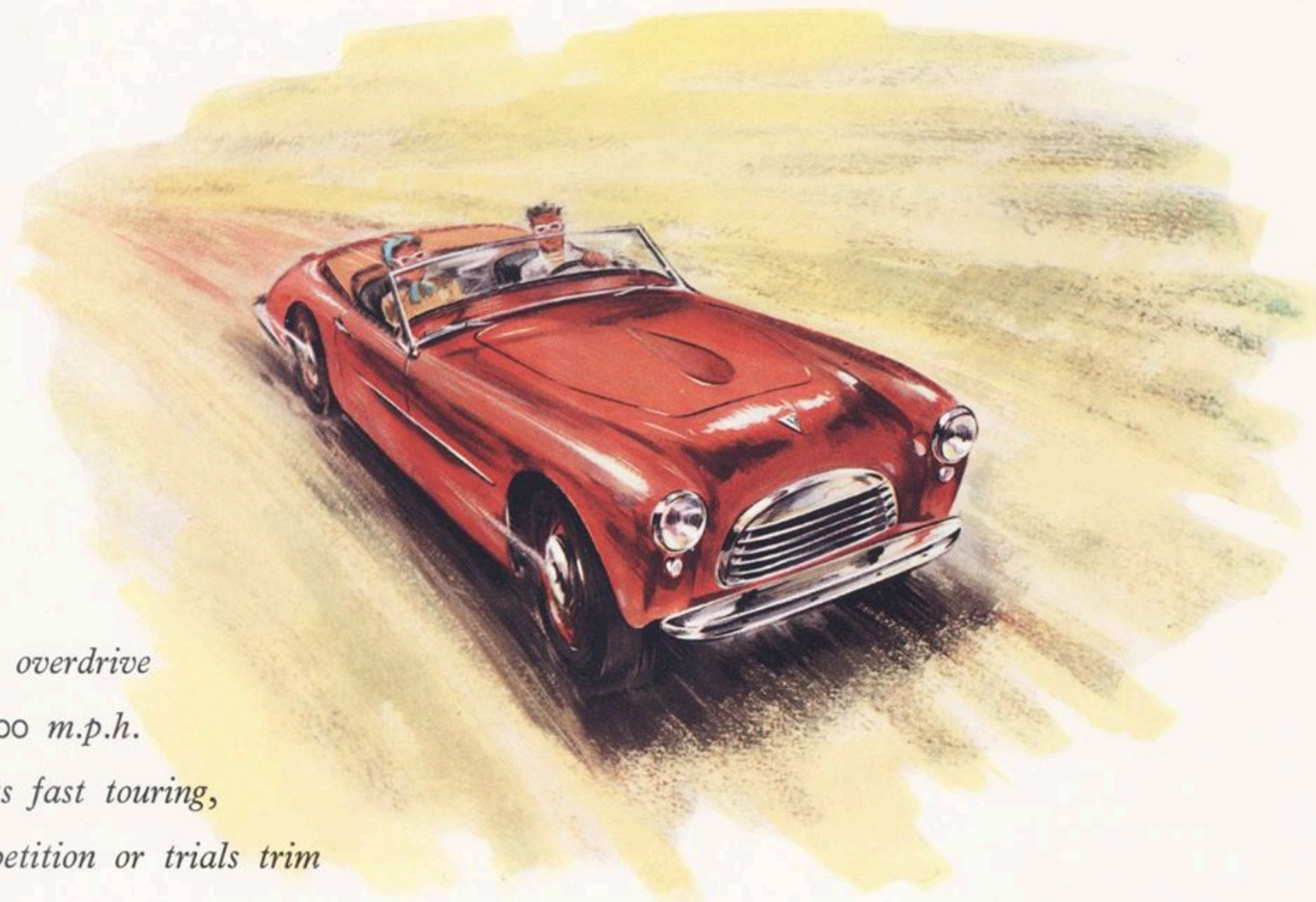
In its touring trim and without overdrive it is capable of at least 100 m.p.h. for the person who wants fast touring, and also in competition or trials trim

the 'Doretta' can achieve outstanding performance with its 2-litre engine and four-speed gearbox



DIMENSIONS

Wheelbase: 95 in. Track: Front—48 in.; Rear—45½ ins. Ground clearance: 6 in. Turning circle: 36 ft. 6 in. Overall dimensions: Length—152 in. Width—61 in. Height (unladen) Hood erect—51 in.; top of screen—48½ in. Weight: Dry (excluding extra equipment)—1,860 lb. Complete—(including tools, fuel, oil and water) 2,000 lb. Tyre size: 5.50 × 15 in. Capacities: Fuel tank—12½ Imp. galls. Engine—13 pints. Gearbox—1½ pints. Rear axle—1½ pints. Cooling system—14 pints.



The most elegant way of moving fast!

The Swallow doretta

TWO LITRE SPORTS

CHASSIS SPECIFICATION

Engine: Four cylinders. Bore—83 mm. (3.268 in.). Stroke—92 mm. (3.622 in.). Capacity—1,991 c.c. (121.5 in.) 2 litre. B.H.P. 90 at 4,800 r.p.m. Piston speed—2,850 ft./min. at 4,800 r.p.m. (this is equivalent to 100 m.p.h.). Compression ratio—8.5 : 1. Cylinder sleeves—replaceable, fitted in direct contact with cooling water. Pistons—aluminium alloy. Crankshaft—three bearings, with integral balance weights. Valves—overhead, push-rod operated. Camshaft—four bearings, hyposine cams; drive by Duplex chain. **Cooling System:** Thermostatically controlled, 14 pints capacity. Circulation—pump. Drive—vee belt. Fan—12½ in., four blades. **Fuel system:** 12 gall. (54½ litre) tank. Petrol pump—mechanical. Twin carburettors. **Lubrication:** Pump submerged in sump, gauze filter; oil cleaner—Purolator by-pass type, replaceable cartridge. **Ignition:** Coil, centrifugal and vacuum controlled automatic advance. Plugs—Champion, Type L. 10/S. Dynamo—ventilated type. Buoyant power flexible mounting for engine and gearbox unit. **Transmission:** Clutch, Borg & Beck 9 in. dia. single dry plate. Hydraulically operated. Gearbox—four forward ratios and reverse. Gears—positive synchromesh on 2nd, 3rd and 4th forward ratios. Silent helical gears. Gear change lever placed centrally in car.

Ratios:	Top	3rd	2nd	1st	Rev.
	1.00	1.325	2.008	3.382	4.283
Overall:	Top	3rd	2nd	1st	Rev.
	3.7	4.9	7.4	12.5	15.8

Overdrive (optional extra)—when fitted overall top gear ratio 3.03. Propeller shaft—Hardy-Spicer all-metal shaft, needle roller bearings. Short length to avoid whip and simplify frame construction. **Axles (Front):** Independent suspension system with rubber-bushed wishbone shackles top and bottom. Patented bottom bush and top ball-jointed wheel swivels. Taper roller hub bearings. (Rear): Semi-floating axle shafts, three-piece casing. Ball bearings in hub. **Drive:** Hypoid bevel gears. Taper roller bearings. Ratio—3.89. **Wheels:** steel disc type, with chrome nave plates. **Suspension:** Low periodicity coil springs for independent suspension at front, with telescopic dampers, wide semi-elliptic springs at rear, controlled by piston type dampers. **Brakes:** Lockheed hydraulic, front 10 in. × 2¼ in., rear 9 in. × 1¾ in.—total lining area, 148 sq. in. Two leading shoe-type being used on front wheels. Leading and trailing shoe-type on rear wheels. Alloy cast iron brake drums. Foot operated on all four wheels, hydraulically. Centrally mounted hand brake operates on rear wheels, mechanically. **Steering:** High gear cam and lever type unit. Optional right- or left-hand drive. Steering wheel 16 in. dia., three-spoke, spring type. **Battery:** 12 volt, 51 amp/hour. Located under bonnet.

BODY SPECIFICATION

Type: Two-seater open sports steel and aluminium body with all-weather equipment. Detachable one-piece windscreen fitted with safety glass. Provision is made for easily detaching screen and fitting aero type screens for speed. Body construction allows easy removal of main panels and wings in the event of damage necessitating major repair schemes.

Upholstery: De Luxe leather including instrument board and cockpit crash pads with inner sponge rubber.

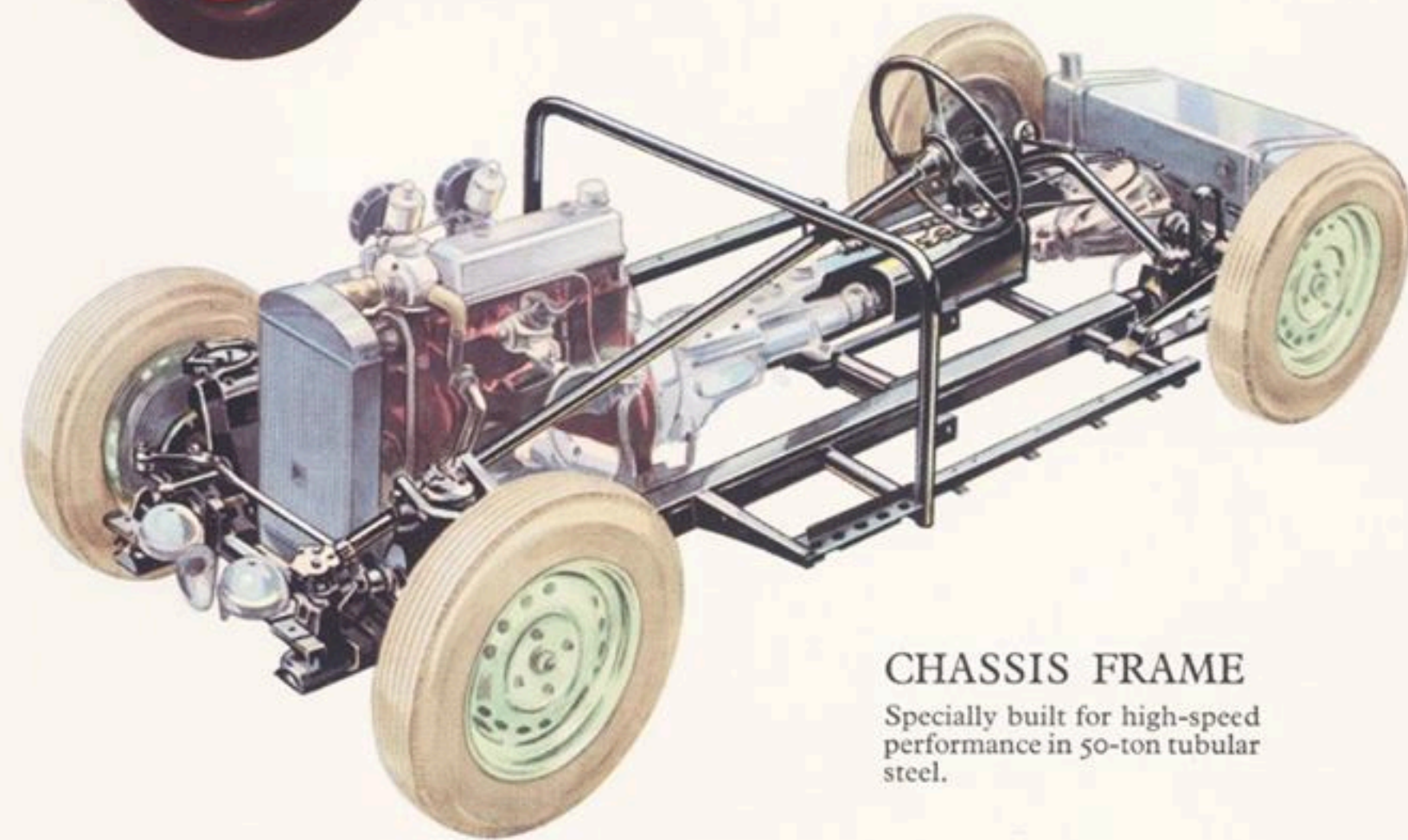
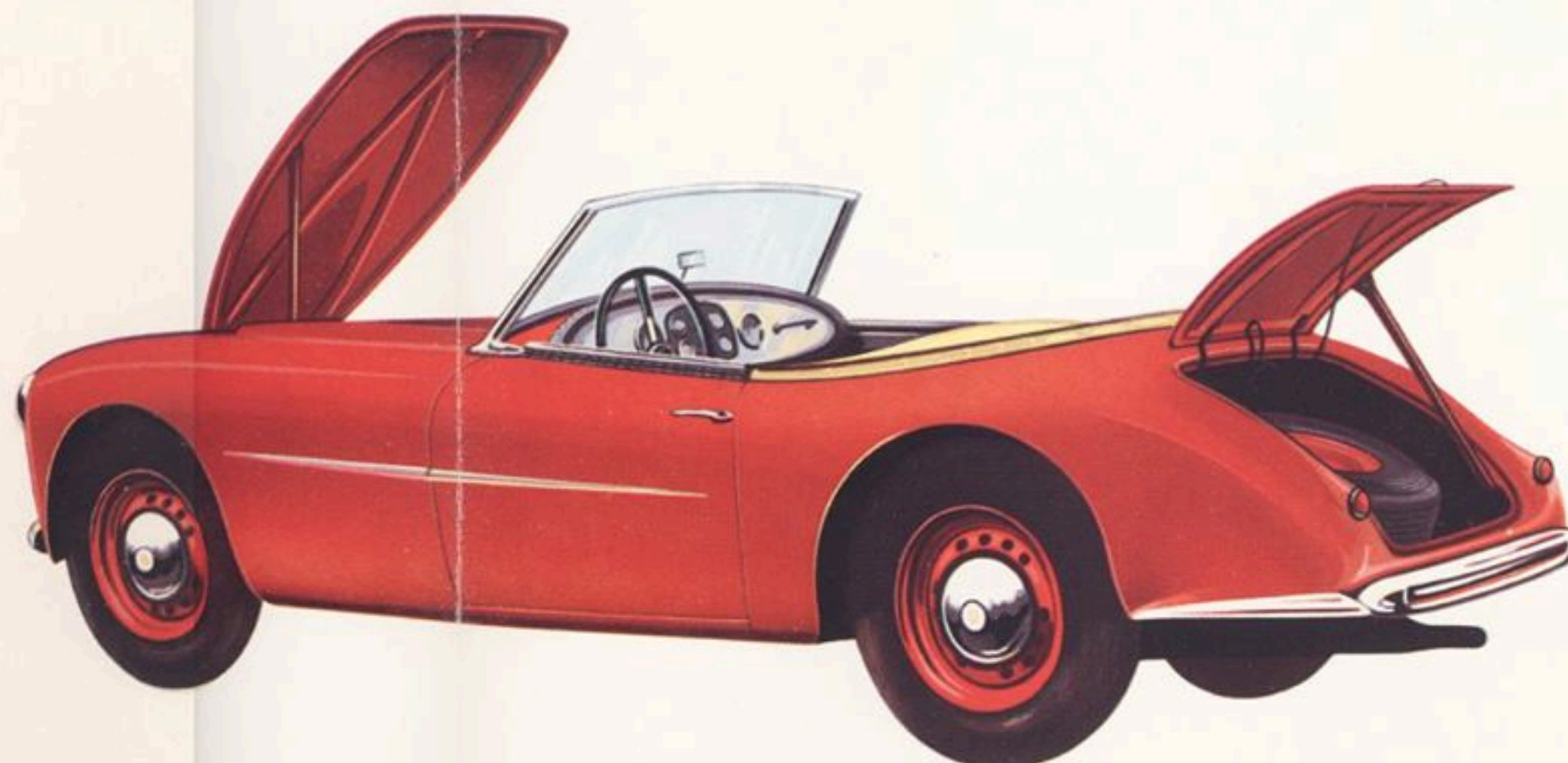
Seating: Two adjustable bucket type seats. Effective width 46 in. Maximum interior body width 48 in.

Instruments: 5 in. tachometer and 5 in. speedometer with trip, positioned in front of driver. Separate instruments for fuel, water temperature and oil pressure. Indirect instrument illumination. Ignition warning light. Headlamp beam warning light.

Controls: Buttons for starter, carburettor strangler, windscreen wipers, headlamps, parking and panel lights. Ignition lock.

Luggage Accommodation: Luggage space behind seats and in boot. Spare wheel and tool kit in rear boot, with lock and interior control knob for release.

Locks: Anti-rattle type lock on each door. One-piece hinged bonnet with interior control lock.



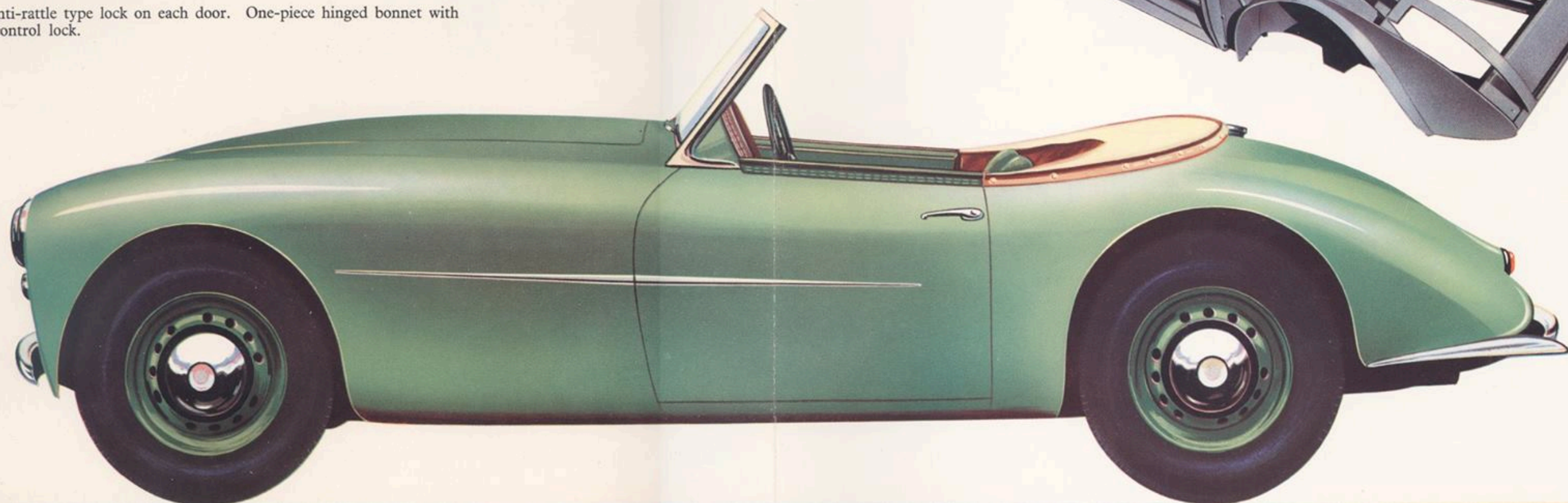
GENERAL EQUIPMENT

Driving mirror providing maximum view to rear. Headlamps, F.700 flush-fitting sealed unit; pre-focus bulbs; dip switch, foot operated. Parking lights located below headlamps. Rear lamps, two tail and stop lamps, reversing and number-plate illumination light. Alternative—two tail lamps with winking direction indicators, combined number plate illuminator and brake light. Interior panel lights; remote switch on fascia. Horns, twin wind-tone, concealed mounting. Carpets at front with thick felt underlay. Bonnet is hinged and a stay is provided for support when open. One-piece bumpers of deep substantial design, chromium plated. Twin electric screen wipers, spare wheel.

Optional Extras: Aero screens; overdrive; heater; high-speed kit; knock-on wire wheels; Tonneau cover.

CHASSIS FRAME

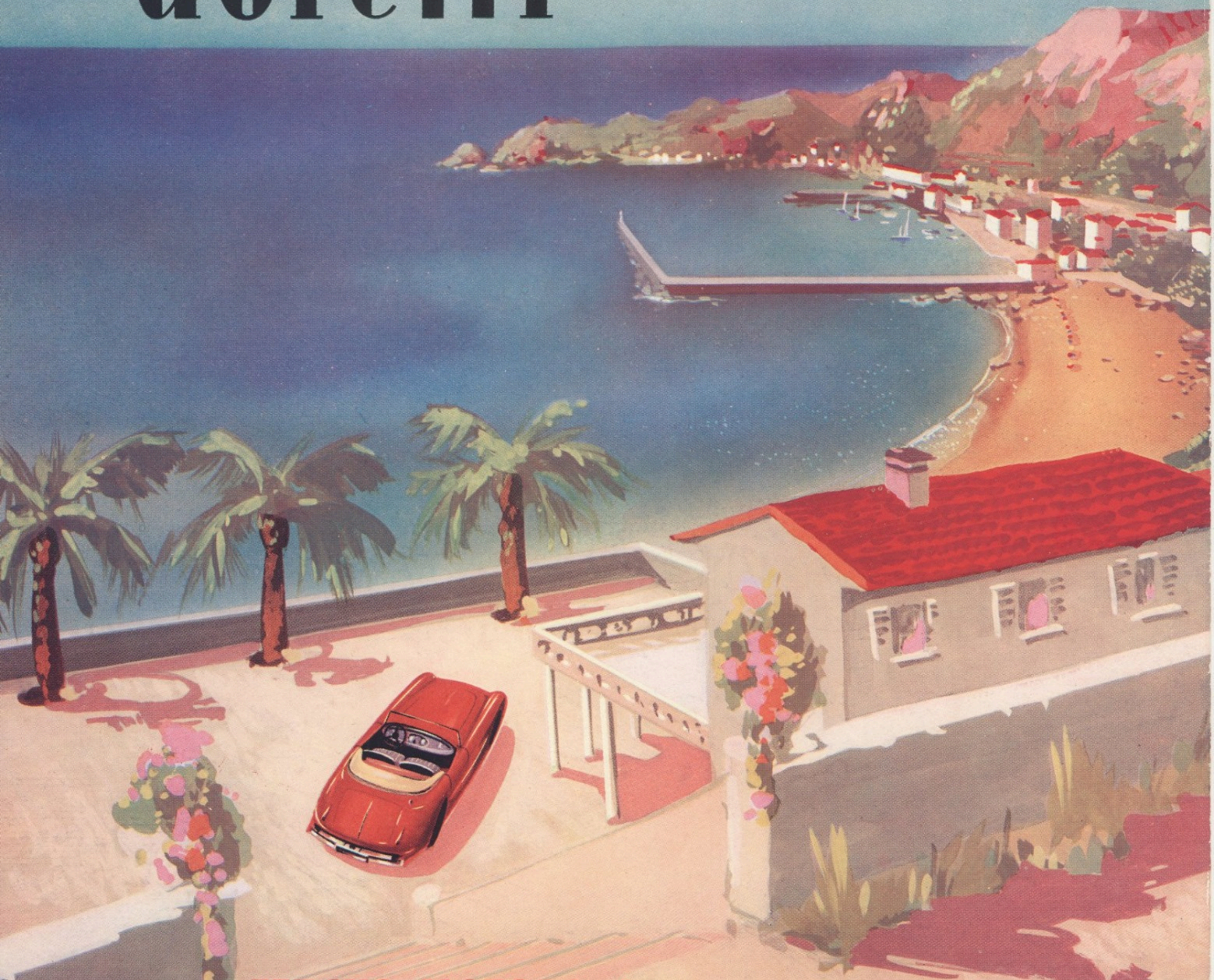
Specially built for high-speed performance in 50-ton tubular steel.



CONDITIONS OF SALE

The goods manufactured by The Swallow Coachbuilding Company (1935) Limited are supplied with an express warranty which excludes all warranties, conditions and liabilities whatsoever implied by Common Law, Statute and otherwise. **PRICES.**—The Company reserves the right to vary the list prices at any time and all goods are invoiced at the prices current on day of delivery ex works. **SPECIFICATION.**—The Company reserves the right on the sale of any vehicle to make before delivery without notice any alterations to or departure from the specification, design or equipment detailed in its various publications. **LITERATURE.**—Every precaution has been taken to ensure accuracy but the Company accepts no liability for errors or omissions.

The Swallow doretti



FERGUS MOTORS, Inc. • NEW YORK CITY

SERVICE

**444 W. 55th, West of 9th Ave.
JU 6-4045**

SHOWROOM

**1717 BROADWAY at 54th
CO 5-6494**

SALON

**290 PARK AVE. at 49th
MU 8-1841**

Built in Britain by

**THE SWALLOW COACHBUILDING CO. (1935) LTD.
THE AIRPORT • WALSALL • STAFFORDSHIRE • ENGLAND**