

## CIPHER - Technical Specification.

**Engine.** 4 cylinders, light alloy construction, 848 c.c. capacity: 52.50 m.m. x 69.09 m.m. bore x stroke: O.H.V: 40 B.H.P. @ 5,500 r.p.m. and 46 lbs.ft. Torque at 3,500 r.p.m.: 12 volt, negative earth electrical system: liquid cooling system pressurised to 7 lbs/sq.in.

**Transmission.** Single dry plate clutch, cable operated: 4 forward gears and one reverse: Drive to rear axle, ratio 3.55/1;

**Chassis.** All loads are taken by welded steel space-frame, constructed of tubes and fabricated sections, integral roll-over bar: Hydraulically operated drum brakes with split system to front and rear, cable handbrake: Suspension is double wishbones and coil springs at front and beam axle with progressive rate leaf springs at rear: Wheelbase is 83", track is 49" front and rear, ground clearance is 5": Steering is by rack and pinion with turning circle of 24 ft.: Wheels are 12" x 5" rim light alloy die-cast: Tyres are 155 x 12 Goodyear Grand Prix S:

<b>Weights and Capacities.</b> Vehicle unladen weight	585 kg. = 1287 lbs. = 11.5 cwt.
Gross laden vehicle weight	755 kg. = 1661 lbs. = 14.8 cwt.
Maximum payload, luggage	34 kg. = 75 lbs. = 0.7 cwt.
Max. front axle weight	345 kg. = 759 lbs.
Max. rear axle weight	410 kg. = 900 lbs.
Weight distribution with driver only, approx.	50 / 50.
Engine oil capacity	3.13 litres = 5.50 pts.
Engine coolant capacity	3.69 litres = 6.50 pts.
Fuel tank capacity	27.3 litres = 6 gallons.
Spot, lockable, luggage capacity	5.5 cubic ft.
Space behind seats, capacity, min. to max.	6.3 - 10.0 cubic ft.

**Dimensions.** See attached sheet.

**Performance.** N.B. All performance figures are from our works test programme.

Acceleration, 0 - 60 m.p.h.	14.8 secs.
Top speed,	90 m.p.h. = 144 k.p.h.
Fuel consumption, at steady 30 m.p.h.	100 m.p.g.
" " , " 56 m.p.h.(90 k.p.h.)	71 m.p.g. = 4.0 lt./100 km.
" " , " 75 m.p.h.(120 k.p.h.)	53 m.p.g.

## CIPHER - General body and facilities specification.

The Cipher is a 2 door convertible Sports Car, with 2 seats and a large space behind the seats. There is also a lockable, carpetted rear boot of good size and shape, and easy load height.

All loads throughout the car are taken on the welded steel space-frame, so that the Glass reinforced plastic body panels, both interior and exterior, carry no loads and are therefore attached either by screws or rivets. The body panel material is of a newly developed type which is extremely strong and resilient, and resistant to the old GRP problems of splintering on impact and age-crazing.

In designing and developing the Cipher we have worked to create the safest and most practical car for most personal motoring needs in the 80's without being either boring or morbid about it. The exterior shape is both clean aerodynamically and of protrusions which might hurt people, as is also the interior. Forward-hinged locking Bonnet. Anti-burst door locks with recessed handles inside and out. Winddown toughened curved side windows and low-angle bond-in laminated windscreen. The soft top which folds away both easily and compactly has a skylight panel and fixes to the windscreen frame by a large zip.

Inside, the Cipher has fully adjustable seats with brushed nylon centre panels. Inertia reel seat belts. The heavily padded fascia is hand-trimmed in high quality brushed fabric. Interior equipment includes :- radio, clock, cigar lighter, ashtray, map pocket, sports steering wheel with padded rim, full heating and ventilation system, rev. counter, hazard warning lights, and all normal instruments and controls, steering column lock etc.

The Cipher is easily kept clean and beautiful, with built-in heavy D-section rubber bumpers, single wiper blade, flush panel joints everywhere, easy-clean polished alloy wheels with chrome-plated dome nuts, and aerodynamic exterior mirror on drivers door.

CIPHER has been developed and is now being produced by a new all-British company called STEVENS CARS Limited, with design and sales offices at 3 The Butts, Warwick. Telephone (Std.0926) 496330. CIPHER comes from an original design concept created by Anthony Stevens Design Ltd., of Warwick, Design Consultants.

Current Price, £5,200 retail, including Car Tax and VAT.

During the remainder of 1980 some pre-production cars will be available for sale directly from the company in Warwick, however as production gets into its stride all sales will be through the Stevens Cipher Dealer Chain, an organisation of over 50 competent and enthusiastic sales and service points across the U.K. Your nearest 'Cipher' dealer is likely to be :-