

MORGAN AERO 8
THE LATEST ALL-ALUMINIUM SUPER PERFORMER



Aero 8



MORGAN MOTOR COMPANY
DRIVEN AT HEART



THE AEROMAX CONNECTION

The latest Morgan Aero 8 styling inherits its design cues from the radical AeroMax project, the dazzling coupe built for Prince Sturzda of Switzerland. Now, the all-aluminium super performer, sports refined classic lines, whilst preserving its remarkable handling and performance characteristics.

AWESOME POWER

Experience the thrill of being behind the wheel of an Aero 8 and you will be hooked by its display of awesome, controlled power. Advanced, aluminium chassis technology, is beautifully complemented by highly developed aerodynamics, plus the very latest in V8 engine technology.

A TRUE MORGAN THOROUGHBRED

Faithful to Morgan tradition, each Aero 8 is hand built using the finest quality natural materials, and to an exact customer specification. Making every one an exclusively beautiful motor car, in its own right.

FEATURE RICH

Continuous design development since its original launch, means the latest Aero 8 has been refined throughout. The cockpit has been widened by 6". Air-conditioning, ABS, cruise control, electronic power steering and driver's and passengers airbags are all standard features. So too the heated front screen, headlight wash, tyre pressure and temperature monitoring from the aluminium machine turned dashboard, the remote central locking and electric boot release. Comfort has also been enhanced with increased sound and heat proofing and a rubber mounted differential for increased refinement. Plus, for the first time, a lightweight carbon composite top is now available.

EVEN LIGHTER

Remarkably, all of this state-of-the-art technology has been packaged into a car that is actually lighter than its predecessor. A testament to the Morgan design team who have melded together a super-car that weighs in at only 1145kg!



**THE VERY LATEST IN 4.4 LITRE V8
ENGINE TECHNOLOGY**



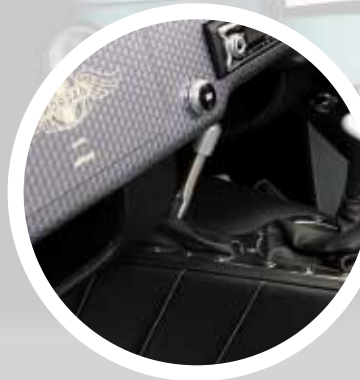
**TYRE PRESSURE AND TEMPERATURE
MONITORING**



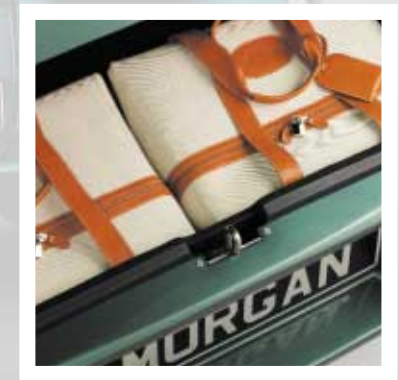
**DRIVER AND PASSENGER AIRBAGS,
POWER STEERING**



HEADLIGHT POWERWASH



**MACHINE TURNED DASHBOARD. PRE
AUDIO INSTALLATION**



**OPTIONAL, SCHEDONI FITTED
LUGGAGE SHOWN IN THE BOOT**

V8 SUPER-POWER DRIVETRAIN

The latest 4.4 litre V8 from BMW pushes out 325 Bhp and 331 lb/ft torque, yet still exceeds the latest emission requirements, including full EPA certification for the USA. Couple this drivetrain with the lightest aluminium chassis technology and the Aero 8 is propelled from 0-62 mph in under 4.5 seconds. Yet it also possesses the ability to come to a full stop, from 62 mph in just 35.8 metres, or put another way, less than 9 car lengths.



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MORGAN AERO 8 TECHNICAL SPECIFICATION

STANDARD EQUIPMENT

Heated windscreen
 Remote central locking
 Tyre pressure and temperature monitoring
 Remote boot release
 Driver and passenger airbags
 Electric power steering
 ABS
 DTC
 EBD
 Headlight wash
 Pre Audio installation
 Cruise control
 Air conditioning

OPTIONAL EQUIPMENT

INTERIOR

Leather Interior (std. USA)
 Raven Ash Wood Stain
 Door pockets and accessories tray
 Blaupunkt RDS radio CD (not USA)

EXTERIOR

Special paint
 Metallic paint
 2 tone paintwork
 2 tone special solid colours
 2 tone metallic paint
 Hood cover
 Webflex car cover for interior and exterior use
 Paint protective film
 Hard top body colour
 Hard top special colour
 Side exit exhaust preparation (EEC only)
 Side exit exhaust system
 Schedoni fitted luggage - 2 cases set
 Photographic build record

DIMENSIONS

Length: 4120mm/13ft 6in
 Width: 1770mm/5ft 9in
 Height: 1200mm/3ft 11in

CHASSIS

Ultra stiff CAD designed aluminum alloy chassis specially treated and bonded with Gurrit Essex adhesive and riveted with Bolthoff rivets

WEIGHT

Unofficial test data:
 Weight 1145kg/2520 lbs
 Ground clearance 4" or 10cm
 Weight distribution with one occupant 50/50

FUEL

Volume litres/ US gallons 55/14.5
 Fuel Consumption Urban conditions 16.3 l/100km 17.3 mpg (imperial)
 Extra Urban conditions 7.9 l/100km 35.8 mpg (imperial)
 Combined 10.9 l/100km 25.9 mpg (imperial)
 CO2 emissions 264 g/100km

WHEELS

Wheels 18" Rimstock forged alloy wheels
 Tyres (Front) Pirelli 225/40/ 18
 Tyres (Rear) Pirelli 245/40/18
 Pressure sensors with internal visual/audible pressure information

STEERING

Type Electronic torque sensitive variable pump
 Variable ratio power rack, 2 turns to lock
 Turning circle ft/m 32/10
 Rake / Reach adjust 2in/5.08cm

TRANSMISSION

Final drive BTR Limited slip 3.08:1
Indirect ratios:
 1st gear 4.05:1
 2nd gear 2.4:1
 3rd gear 1.58:1
 4th gear 1.19:1
 5th gear 1:1
 6th gear 0.87:1

SUSPENSION

Front Independent - unique long cantilever upper arm with lower wishbone and inboard Eibach coil springs over Koni shock absorbers
 Rear Independent long transverse wishbones with cantilever mounted, fully floating inboard Eibach coil springs over Koni shock absorbers
 Anti roll bars None

ENGINE

Configuration V8
 Bore & Stroke, mm/inches 82.7 x 92/3.25 x 3.6
 Engine capacity, cc 4398
 Max. output EEC, bhp/rpm 325/6100
 Max. torque EEC, lb ft/rpm 330/3600
 Valve mechanism 4 cam 32 valve
 Double
 'Vanos' Valvetronic
 Fuel system Bosch fuel injection and ignition system
 Exhaust system Stainless steel
 Compression ratio 10.0:1
 Alternator output 140 amp max.

Unofficial test data:

Maximum speed 160mph
 0-62 mph (100 kph) 4.5 secs

BRAKES

Type AP Racing to Morgan specification
 Front 350mm/13.7in cast iron ventilated
 Rear 332mm/13.07in cast iron ventilated
 Calipers front 6 pot alloy
 Calipers rear 2 pot alloy
 ABS
 EBD (Electronic Brake Distribution)
 DTC (Drag Control Torque)
 Drag co-efficient 0.39

For more information please contact your Morgan Dealer.



MORGAN MOTOR COMPANY

www.morgan-motor.co.uk

Please note: All weights for any specific vehicle will vary according to standard and optional equipment fitted. A weighbridge must be used to determine specific weights. All optional specifications at extra cost. All weights and dimensions are average figures for standard vehicles.

All specifications are subject to change without warning but are correct at time of going to press.