

ARES MODENA

Ares Modena introduces the new Ares S1 Gullwing and Speedster

The Ares S1 blends Le Mans hypercar inspired styling and performance with grand tourer levels of luxury, comfort and open or closed bodystyles for the ultimate, unique driving experience. With a naturally aspirated 6.2 V8 at its heart, the S1 is the first handcrafted, series production hypercar from Ares Modena.

- Unique blend of Le Mans hypercar inspired styling and performance coupled with grand tourer comfort, capabilities and cutting-edge technology
- Ares Modena's first series production hypercar, designed and developed in house at the marque's Centro Stile in Modena, Italy
- Handmade carbon fiber bodywork wraps around the S1's mid-mounted, naturally aspirated 6.2-liter V8, producing 530 bhp for a 0-100 kmph time of 3.0 seconds and top speed of 296 kmph

"The S1 represents the pinnacle of performance and craftsmanship, marking a hugely significant milestone in the history of Ares Modena as the marque's first series production hypercar," said Dany Bahar, Founder of Ares Modena. "Blending hypercar performance and styling with the usability of a grand tourer, our S1 project captures all of characteristics and styling cues of endurance racing icons from the past and matches that with cutting-edge technology and a unique, dynamic driving experience."

Design

Designed and developed in-house at Ares Modena's Centro Stile in the heart of Italy's Motor Valley, the Ares S1 is the marque's first series production car, available as a gullwing or an open-top speedster. Inspired by legendary Le Mans racers, the S1 is a modern interpretation of the cars that dominated the high-octane, golden age of endurance racing in the 1960s and '70s.

"With its low, cab-forward driving position, wraparound windscreen, top-mounted exhaust, active aerodynamics and rising wheel arches, the Ares S1 is our own unique take on an endurance racer for the road," said Gianluca Cordua, Head of Design at Ares Modena. "Created using the latest bespoke coachbuilding methods and equipped with cutting-edge technology inside, the S1 showcases Ares Modena's unmatched capability in designing and developing some of the most exclusive performance vehicles on the road."

Far more than an exercise in styling and traditional coachbuilding, Ares re-engineer and refine the Corvette C8 on which the car is based from the ground up. Extensive aerodynamic tests and computational fluid dynamic studies informed the look, shape and stance of the S1 project, leading to an aerodynamic design that's both efficient and effective at speed. The S1's rear mounted exhaust and rear spoiler optimise the S1's aerodynamic profile, keeping the rear of the car clean while referencing design elements of the world's greatest endurance racers.

Building on the initial S1 design concept, the S1 Speedster blends performance with open-air driving for the most visceral hypercar experience possible. The car's carefully considered Targa design ensures the driver and passenger remain protected through the wraparound windscreen and rising rear bodywork that covers the mid-mounted V8. With the unique Ares-designed exhaust system located

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directly behind the cockpit, the Speedster offers both the raw sensation of speed and sound in equal measure.

Paying homage to one of the greatest automotive designs of all time, the S1 Gullwing is the latest evolution on the S1 platform. With each door elegantly rising skywards, the S1 is as much an exercise in innovative engineering as it is an art form. Offering enclosed, sound-proofed comfort, the Gullwing's unique design aids access and ensures it proudly stands alone in its combination of performance and distinctive design.

Interior

Inside the S1's carefully designed cabin, both driver and passenger are ensconced in a rich mix of Italian crafted and Pienofiore leather, Alcantara and carbon fiber, which line the cabin. In the open-top Speedster, the sound and sensation of the naturally-aspirated V8 is free to reverberate around the cockpit for the ultimate, raw driving experience.

Nestled between the domes that rise from the S1's dashboard sits a 9.5-inch HMI that makes up the centre console system. For the driver, an 8-inch digital display replaces conventional dials while the passenger has access to their own 9-inch screen through which they can view driving data and control media and climate functions.

Equipped with the finest Italian crafted quilted leather, the S1's contrast stitching picks out the design highlights within the cabin and can be personalised. Custom made carbon fiber trim covers other functional areas of the cockpit, while the squared, carbonfibre trimmed steering wheel hints at the S1's superior sporting credentials. The S1's interior is carefully crafted by Ares's in-house team to reflect the car's unique blend of luxury, comfort and performance.

Craftsmanship

Designed and developed in house at Ares Modena's Centro Stile, all S1s are carefully hand built to each unique specification by our team of specialist craftspeople and coachbuilders in our bespoke production centre.

"Our talented team of craftspeople call on decades of experience learnt in Italy's Motor Valley – the heart of global luxury and bespoke production," says Alberto Migliorini, Head of Production Team at Ares Modena. "Bringing the S1 project to life, as our first series production hypercar, has been our most ambitious project yet but the results speak for themselves: this combination of style, speed, comfort and craftsmanship is entirely unique. From its ability to cover long distances in comfort to its penchant for performance and its hypercar inspired looks, the S1 is truly unrivalled."

From co-creation and bespoke specification between the client and Ares Modena, to rolling off the production line, each S1 leaves the factory entirely unique. This highly personalised process is handled by our dedicated design team who guide and co-develop ideas with the client throughout the production. The S1 is the pinnacle of bespoke, Italian made design and engineering.

Performance

With a driving experience to match the S1's dramatic visual identity and characteristics, a mid-mounted naturally aspirated V8 lies at its heart. Just like the greatest racers and road cars, the S1 sends all of its 530 bhp to the rear wheels through an eight-speed dual-clutch gearbox and limited slip differential.

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Handling is enhanced by a double-wishbone suspension set up with forged aluminium axles and adaptive Magnetic Ride Control front and back. Giving the S1 its distinctive V8 soundtrack is the work of the bespoke Ares designed exhaust system, with two upward-facing outlets protruding from the rear engine cover – a feature that adds to the car's performance as well as its form.

Dimensions

Length: 4684 mm

Width: 2009 mm

Height: 1214 mm

Front Track: 1727 mm

Rear Track: 1684 mm

Wheelbase: 2722 mm

Front overhang: 1021 mm

Rear overhang: 941 mm

Chassis

Aluminium chassis

Weight

Dry Weight: 1380 kg

Body

Carbon fiber panels

Engine

Number and arrangement of cylinders: V8 - 16 valves

Displacement: 6.162 cm³

Exhaust system designed by Ares Modena

Maximum power: 530 bhp

Torque: 638 Nm

Transmission

Type: Rear wheel drive + limited slip differential

Gearbox: Dual-clutch gearbox DCT with 8-speed

Suspension

Front axle: Unequal length double wishbone, forged aluminium axles, adaptive Magnetic Ride Control system

Rear axle: Unequal length double wishbone, forged aluminium axles, adaptive Magnetic Ride Control system

Wheels & tyres

Front Axle: Alloy 20" rims, with 275/30 ZR20

Rear Axle: Alloy 21" rims, with 345/25 ZR21

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Driving performances

Acceleration 0-100 Km/h: 3.0"

Vmax:296 kmph

Personalization

Any extra personalisation requires a feasibility study

SPECS

Front LED headlight Rear LED lights

LED DRL

Interior trim covered in Italian crafted and Pienofiore leather and Alcantara HMI contained within the central console and dashboard

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