

# Automobili Lamborghini unveils Huracán EVO Spyder at Geneva Motor Show 2019: breath-taking performance and presence

- New Lamborghini Huracán EVO design translated into open-air exhilaration
- Electrohydraulic, lightweight soft top for pure Spyder feeling
- Aerodynamic superiority maintained roof up or down
- Engine derived from Huracán Performante, producing 640 hp and 600 Nm of torque
- Acceleration 0-100 km/h in 3.1 seconds, top speed 325 km/h
- New infotainment system with advanced connectivity features

Sant'Agata Bolognese, 26 February 2019 - Automobili Lamborghini presents the new Lamborghini Huracán EVO Spyder at Geneva Motor Show: the open-top car joins its coupé counterpart launched earlier this year, as the second model in the V10 Huracán EVO line-up.

The Spyder adopts the next-generation vehicle dynamic control and aerodynamics developed for the coupé, with the 5.2 liter naturally-aspirated Lamborghini V10 engine uprated for a higher power output and incorporating Titanium intake valves.

The Huracán EVO Spyder outputs 640 hp (470 kW) at 8,000 rpm with 600 Nm of torque delivered at 6,500 rpm. With a dry weight of 1,542 kg the car reaches a weight-to-power ratio of 2.41 kg/hp, accelerates from 0-100 km/h in 3.1 seconds and from 0-200 km/h in 9.3 seconds. Braking from 100 km/h to 0 is achieved in just 32.2 m, with a top speed of 325 km/h.

"The Huracán EVO Spyder incorporates all the performance, next-generation vehicle control and aerodynamic features of the EVO coupé, with its own unique personality and a driving excitement that only an open-top car can offer," says Stefano Domenicali, Chairman and Chief Executive Officer of Automobili Lamborghini. "The Spyder continues the Huracán EVO's evolutionary charge: extremely easy to drive while excelling as a highly responsive, fun super sports car. Particularly with the roof open, the emotive sound of the naturally aspirated engine and the refined, lightweight exhaust system take the sensory experience to a new level. The Huracán EVO Spyder's design, performance and exhilarating open-air drive experience is literally breath-taking."

#### Next generation vehicle dynamics

The Huracán EVO Spyder combines the option of open-air driving with the prowess of the Huracán EVO's evolutionary technologies. Rear-wheel steering and a four-wheel torque vectoring system are controlled centrally by Lamborghini Dinamica Veicolo Integrata (LDVI): the Central Processing Unit integrating and controlling every aspect of the car's set-up and dynamic behavior, anticipating the next move and needs of the driver and interpreting this through a 'feed forward logic'.

Processing data in real time, the LDVI system monitors and analyses external conditions through its active suspension and all-wheel drive. It also recognizes the driver's intentions through steering wheel, braking, acceleration, the gear and driving mode selected. Precise inputs are



given to the vehicle dynamic system, creating a super-agile and responsive car with unparalleled level of control: the car doesn't just react, but predicts the best driving set-up for the next moment.

Lamborghini Piattaforma Inerziale (LPI) version 2.0, launched on the EVO coupé, is a comprehensive set of accelerators and gyroscope sensors located in the car's center of gravity, monitoring real-time lateral, longitudinal and vertical accelerations, as well as roll, pitch and yaw rate. The magneto rheological suspension, also upgraded to version 2.0, instantaneously adapts the damping following inputs from the LPI. The new advanced traction control system together with enhanced all-wheel drive and torque vectoring, allows traction to be directed to a single wheel as required. Modified Lamborghini Dynamic Steering (LDS), provides higher responsiveness in corners while requiring the lowest steering angles. Coupled with rear-wheel steering, agility is ensured at low speed with maximum stability in high-speed cornering and under severe braking.

Driving the Huracán EVO Spyder is as refined or exciting as the occupants desire. The preferred driving mode is selected via the ANIMA system, with STRADA especially calibrated via the LDVI system for road-driving comfort. In SPORT it adopts a fun and exciting persona, with the ability to drift. In CORSA the Huracán EVO Spyder demonstrates its Performante heritage: race-track ready and exhilarating, for the most extreme driving environments.

### Open-air aerodynamics and design - inside and out

The aerodynamic superiority of the Huracán EVO is continued with the Spyder. With roof either up or down, the aerodynamic competency of the EVO Spyder, with more than five times the downforce and efficiency of the original Huracán Spyder, sustains not only the most dynamic handling and performance but the comfort of the occupants. Cabin airflow is minimised and the occupants assured a quiet cockpit environment.

Like the EVO coupé, a new front bumper gives the car a low, assertive personality with aerodynamic efficiency improved via the front splitter and enlarged air intakes. At the rear the Huracán EVO Spyder adopts the new rear design evocative of naked race bikes and inspired by Lamborghini Huracán race cars, with the twin outlets of the new sports exhaust system positioned high in the rear bumper. At the upper end of the tail an integrated, slotted spoiler provides enhanced air flow, clearly emphasizing the car's aerodynamic abilities. The underbody has been shaped to maximize aerodynamic efficiency.

The side profile of the Huracán EVO Spyder differs significantly from the coupé, but is equally dynamic with roof up or down. The lightweight soft top carves the top line of the Spyder's silhouette while up, and is hidden away when down in the most efficient space possible, revealing the athletic and equally powerful lines of the open car. Automatic pop-up safety bars are hidden away.

Whether the roof is up or down, the driver can electronically open the rear window, which functions as a windshield when closed and when open, amplifies the song of the EVO Spyder's unique aspirated engine sound.



The electrohydraulic, lightweight soft top opens via a button positioned on the central tunnel in just 17 seconds up to a driving speed of 50 km/h (31 mph). As the roof silently lowers, two fins in the same color as the body rise upwards out of the folding roof casing towards the seatbacks and once in place continue the line to the rear, enhancing the car's low, dynamic appearance. An integrated duct between the fins reduces turbulence in the headroom during open top driving.

The Huracán EVO Spyder is presented in Verde Selvans: an iconic new Lamborghini four-layer green, and one of an enhanced range of colors and trims available for the Huracán EVO coupé and Spyder. Interior options include new EVO trim in Alcantara and leather mix, with stitching and trim details to match the body tone. A number of style packages are offered as well as lightweight materials such as Carbon Forged Composite and Lamborghini's patented Carbon Skin. Lamborghini's comprehensive customization program, Ad Personam, allows virtually limitless personalization of the new car. The EVO Spyder sports the new 20" Aesir rims, with Pirelli P Zero tires.

The new 8.4" HMI touchscreen, located in the center console just above the start button, puts connectivity at the driver's fingertips, with multi-finger gesture control. Governing car functions including seats, climate and the status of the LDVI system in real-time it also puts all infotainment, such as Apple CarPlay with smartphone integration, at the cabin occupants' disposal. A multimedia system incorporates connected navigation and entertainment including web radio and video player, with the intuitive interface enabling voice commands.

#### Price of the Lamborghini Huracán EVO Spyder and market delivery

The first customers will take delivery of the new Lamborghini Huracán EVO Spyder in spring 2019 at suggested retail prices as follows:

Europe EUR 202,437 (suggested retail price taxes excluded)

UK GBP 181,781 (suggested retail price taxes excluded)

USA USD 287,400 (suggested retail price taxes/GST excluded)

China RMB 3,650,000 (suggested retail price taxes included)

Japan YEN 32,827,602 (suggested retail price taxes excluded)



### Technical Data - Lamborghini Huracán EVO Spyder

#### **CHASSIS AND BODY**

Chassis Hybrid chassis made from aluminum and carbon fiber

Body shell Outer skin made from aluminum and composite material,

High quality soft top

Suspension Aluminum double-wishbone suspension

Springs and dampers Steel springs and hydraulic dampers.

"MagneRide" electromagnetic damper control

Electronic Stability ESC/ABS characteristics can be adjusted via ANIMA,

Control (ESC) ESC can be deactivated

Steering Electromechanical power steering, LDS steering with variable steering

ratio

Brakes Hydraulic dual-circuit brake system with vacuum brake

servo unit, 6-piston aluminum calipers at the front,

4-piston aluminum calipers at the rear

Brake discs Carbon-ceramic discs, ventilated and cross-drilled

Ø 380 x 38 mm front, Ø 356 x 32 mm rear

Tires (standard) Pirelli P Zero 245/30 R20 (front) - 305/30 R20 (rear)

Wheels (standard) 8.5J x 20" (front) - 11J x 20" (rear)

Mirrors Electrically controlled exterior mirrors

Airbags Full size dual-stage front airbags. Full size lateral airbags.

Knee airbags in specific markets.

## **ENGINE**

Type Ten-cylinder V, 90°, IDS+MPI dual injection

*Displacement* 5204 cm<sup>3</sup> (317.57 cu in)

Bore / stroke Ø 84,5 mm x 92,8 mm (3.33 x 3.65 in)

Valve control Intake and exhaust camshafts with

continually variable adjustment

Compression 12.7:1

Max. power 470 kW / 640 hp at 8,000 rpm

Max. torque 600 Nm (442 lb. ft.) at 6,500 rpm

Emissions class EURO 6 - LEV 3

Exhaust treatment Two catalysts with lambda regulation

Cooling system Water and oil cooling systems

Engine Management Bosch MED 17 Master Slave



Lubrication Dry sump

**DRIVETRAIN** 

Type Electronically controlled all-wheel drive system (Haldex Gen. V)

with rear mechanical self-locking differential

Transmission 7-speed LDF dual-clutch transmission, shift characteristics variable via

ANIMA

Clutch Double plate clutch Ø 187 mm (7.36 in)

**PERFORMANCE** 

Top Speed 325 km/h

*O-100 km/h* 3.1 s *O-200 km/h* 9.3 s *Braking (100-0 km/h)* 32,2 m

**DIMENSIONS** 

Wheelbase 2,620 mm (103.15 in)

*Length* 4,520 mm (177.95 in)

*Width* 1,933 mm (76.10 in)

*Width* 2,236 mm (88.03 in)

(incl. ext. mirrors)

*Height* 1,180 mm (46.46 in)

*Track front* 1,668 mm (65.67 in)

*Track rear* 1,620 mm (63.78 in)

Turning circle 10.9 m

Weight (dry) 1,542 kg (3,400 lb)

Weight/power 2.41 kg/hp (5.29 lb/CV)

Weight Distribution 43 % (front) - 57 % (rear)

**CAPACITIES** 

Fuel 83 liters
Trunk 100 liters

#### **CONSUMPTION**

The fuel consumption and emissions data is in the type approval stage.



Photos and videos: media.lamborghini.com

Information on Automobili Lamborghini: www.lamborghini.com





















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