



## Press Release

Automobili Lamborghini S.p.A.

### Lamborghini Huracán LP 620-2 Super Trofeo

*Sant'Agata Bolognese, 20 August 2014.* Automobili Lamborghini presents its new generation racecar developed by its Motorsport department: the new Huracán LP 620-2 Super Trofeo. Unveiled in a world preview a few days ago during the prestigious Monterey Car Week (California, USA), the car will debut in all three series (Europe, Asia and North America) of the 2015 Lamborghini Blancpain Super Trofeo.

The Huracán Super Trofeo marks a new benchmark for the race series. According to Maurizio Reggiani, in charge of Lamborghini's Research and Development Department and motorsport activities, "*The Huracán LP 620-2 Super Trofeo is an all-new car built from scratch with a clear racing concept. Every feature is engineered for sophisticated high performance, complying with the strictest motorsport safety standards.*"

The chassis features an exceptionally light roll cage at just 43 Kg that extends to the rear axle, and impressive torsional stiffness that represents a massive 45% improvement compared to the previous model. The frame is a hybrid carbon/aluminum construction with modified geometries to house an improved radiator up front and better accommodate the racing gearbox at the rear, which also provides better aerodynamics. The dry weight of the Huracán Super Trofeo is 1,270 Kg, with a weight distribution of 42/58%.

The bodywork is in composite materials and, along with the aerodynamics, has been developed in collaboration with Dallara Engineering with the direct involvement of the founder Gian Paolo Dallara. Refinements to the Huracán Super Trofeo include new bodywork 'fast fittings', and a new oil radiator providing even more performance than that found on the Gallardo.

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The new Huracán Super Trofeo adopts the V10 direct injection engine mounted on the road car, managed by a Motec control unit that delivers a maximum output of 620 hp and an astonishing weight/power ratio of 2.05 Kg/hp.

A significant feature of the Lamborghini Blancpain Super Trofeo is the rear-wheel drive choice as already adopted in the GT classes. This will allow Super Trofeo drivers to gain important experience of this traction system to facilitate their motorsport careers.

Further technical features on the Huracán Super Trofeo include new engine supports, a new three-disc clutch and an XTrac sequential gearbox developed specifically for the Huracán Super Trofeo with an electric actuator designed by the Magneti Marelli Motorsport division.

Electronics represent a significant leap forward in development, and now include new lightweight cables and connections specifically for racing. The control unit is the MOTEC M182 that controls data, gear changes and the new TFT display mounted on the dashboard. Special features are the traction control and the Bosch Motorsport ABS. This system features 12 different settings that can be actioned directly on the steering wheel for ideal set-up in any weather/track conditions. Front and rear lights are now LED only as on the road going version. A new, race-oriented steering wheel has been developed jointly with OMP.

Aerodynamics have been refined for better drag efficiency and maximum traction and downforce in any track conditions. More balanced than before, the aerodynamics now benefit from a rear wing with ten different settings, front and rear diffusers, and adjustable front air intake ducts.

The new Lamborghini Huracán Super Trofeo will be exclusively equipped with Pirelli tyres. Pirelli has followed every phase of the new car's development - from the first drawings to final road tests - in order to create tyres that are perfectly matched to the Lamborghini's specific



characteristics. In particular, the decision to go with two-wheel drive for the new Huracán Super Trofeo has led to new tyre sizes: 305/660-18 at the front, and 315/680-18 at the back.

The Huracán Super Trofeo is mounted with fully adjustable anti-roll bars and two-way adjustable Ohlins dampers. The hydraulic power steering enhances steering sensitivity and adopts an electric power pump.

In the racing-specific interiors the Alcantara® in Nero Ade colour is used throughout the car, on the dashboard and central tunnel and also on fundamental driving parts, such as the steering wheel, gear selector and ergonomic seats.

Lamborghini's newest raging bull supercar already made its track debut last month in development tests. For the occasion, under the supervision of the Chief Test Driver Giorgio Sanna and along with the two official Automobili Lamborghini test drivers Fabio Babini and Adrian Zaugg, all the Young Drivers Program pilots were involved and provided their feedback.

With the new Huracán LP 620-2 Super Trofeo the historic partnership between the brand founded by Ferruccio Lamborghini back in 1963 and Gian Paolo Dallara, now becomes even closer. The same Dallara was among the first engineers who worked on Lamborghini cars and had a key role in the development of the legendary Miura.

*"For Dallara Engineering, it has been very rewarding to be involved in the aerodynamic and body development of a high performance car such as the Huracán Super Trofeo. From my personal point of view it has been for me a kind of 'homecoming',"* said Giampaolo Dallara. *"50 years ago, Lamborghini gave me the opportunity to challenge myself in ambitious and successful projects, and this new collaboration allows me to feel part of a company in which I have experienced moments of intense personal and professional achievement."*



## Technical Data

<i>Engine Power</i>	620 CV
<i>Weight</i>	1270 Kg
<i>Weight/Power Ratio</i>	2.05
<i>Trasmission</i>	2WD Racing Gearbox by XTRAC
<i>Gearbox Actuator</i>	Electric Actuator by MMarelli
<i>Chassis</i>	39870 Nm/deg (+45%) Increased safety structure
<i>Aerodynamics</i>	Drag: -15% Downforce: +43% Efficiency: +69%
<i>Electrics/Electronics</i>	Racing Loom/Electronics

## Powertrain

<i>Engine</i>	Longitudinal – V10 IDS (NO MPI) Air Intake by BMC
<i>Displacement</i>	5204
<i>Power</i>	620 CV @ 8250 rpm
<i>Torque</i>	570 Nm @ 6500 rpm
<i>ABS</i>	Racing ABS (12 positions)
<i>ESP</i>	NO
<i>Traction control</i>	9 positions TC
<i>Trasmission</i>	2 WD Six gear sequential gearbox by Xtrac
<i>Clutch</i>	3 discs racing clutch Light weight flywheel

## Size and weight

<i>Front track</i>	1695 mm
<i>Rear track</i>	1660 mm
<i>Wheelbase</i>	2620 mm
<i>Fuel Tank</i>	118 L
<i>Weight w/out fuel</i>	1270 kg



### **Suspension**

<i>Suspension</i>	Double wishbones with rigid bushing
<i>Wheel fixing</i>	Monolock System
<i>Anti Roll Bar</i>	Front: 6 positions Rear: 2 positons
<i>Dampers</i>	Ohlins TTX 36 2 ways Front: in-line Rear: piggy back type
<i>Brake Discs Brembo Racing</i>	Front: Steel 380x35 mm Rear: Steel 355x32 mm
<i>Brake Caliper Brembo Racing</i>	Front: 6 pot monoblock Rear: 4 pot monoblock

### **Rims and wheels**

<i>Rims</i>	Front: 11x18" ET 28.8 Rear: 12x18" ET 32
<i>Tires (Pirelli)</i>	Front: 305/660-18 DH Rear: 315/680-18 DH

### **Electrics/Electronics**

<i>ECU</i>	M182 by MOTEC
<i>TCU</i>	M182 by MOTEC
<i>Power Box</i>	PDM 30 by MOTEC
<i>Car Loom</i>	Motorsport Loom
<i>Dashboard</i>	TFT Dashboard by MOTEC
<i>Steering wheel</i>	Racing and multifunctional steering wheel

### **Other features**

<i>Aero kit</i>	Complete aero kit with quick fixing (DZUST)
<i>Speed Limiter</i>	Yes, adjustable speed
<i>Safety Equipment</i>	Seat 8855 FIA Spec or Seat 8866 FIA Spec (OPT) 6 pts safety belt 7 pts Fire Extinguisher



## **Automobili Lamborghini S.p.A.**

Founded in 1963, Automobili Lamborghini is headquartered in Sant'Agata Bolognese, in Northeastern Italy. The Lamborghini Huracán LP 610-4, which has made its world debut at the 2014 Geneva Motor Show is the successor to the Gallardo and redefines the luxury super sports car driving experience with its innovative technology and outstanding performance. The Aventador LP 700-4, in Coupé and Roadster offerings, represents the reference point in the world of V12-powered, luxury super sports cars. With 129 dealerships worldwide, in little more than half a century Lamborghini has created an uninterrupted series of extraordinary, exclusive cars that include the 350 GT, Miura, Espada, Countach, Diablo, Murciélago, and several limited series like the Reventón, Sesto Elemento and Aventador J. The Veneno Coupé, the Egoista and the Veneno Roadster, have been created to celebrate the brand's 50th anniversary year in 2013.

For more photos and videos, please visit:

<http://media.lamborghini.com> and <http://www.thenewsmarket.com/lamborghini>

For more information on Automobili Lamborghini, please visit: [www.lamborghini.com](http://www.lamborghini.com)