



## Press Release - The D12 changes power configuration and gains performance

Magny-Cours (January 16, 2024) – The French Hypercars brand DELAGE announces a change in its powertrain and a performance gain:

- While the rolling prototype of the Delage D12, presented 18 months ago at the Goodwood Festival of Speed, is entering the final phase of its development, and the D12 will pass the small series homologation tests of the European Union during the summer of 2024, DELAGE has decided to modify its powertrain due to the tightening, in Europe and other international markets, of emissions standards for thermal engines.

The Delage D12 being intended to be approved in Europe and in most major Hypercar purchasing markets, the choice of the naturally aspirated V12 engine is retained but its displacement reduced; going from 7.6 L to 6.6L.

The thermal power is reduced to 850 horsepower, and the thermal torque to 745 N m.

- In order to compensate for the drop in thermal power, DELAGE will increase the power of its low-voltage electric motor (initially planned at 110 horsepower in the “GT” version and 20 horsepower in the “Club” version) to now 150 horsepower, in order to maintain total power in 4 digits.
- The “GT” version and the “Club” version will now have the same power of 1,000 horsepower.
- The weight of the “GT” is lowered due to these changes: the gain in electric power occurs (almost) without weight gain, while the 12% reduction in displacement leads to a weight gain of more than 15% on the engine. Ultimately, the D12 “GT” will have a dry weight of 1,360kg (instead of 1,390kg).
- The weight of the “Club” increases slightly (twenty kilos) going from 1300kg dry to 1320kg. The weight difference of 40 kilos between the two versions is made by the abandonment, in the Club, of the hydraulic systems of the active aerodynamics (for a replacement by electric with rear wing in permanent high position) and of the nose -lift.
- Ultimately, the acceleration of the D12 improves due to the increase in electric power, as does the overall performance:
  - o on the GT, the lap time of the northern loop of the Nürburgring circuit is estimated 7 seconds faster to fall under 6 min 40 seconds;
  - o on the Club, the lap time for the northern loop of the Nürburgring circuit is estimated to be 4 seconds faster to fall under 6 min 35 seconds.

- The new technical data sheets for the 2 GT and Club versions of the D12 are as follows:



	D12 - GT version	D12 - Club version
<b>Thermic Engine</b>		
Type	V 66°	V 66°
Cylinders	12	12
Displacement	6,635 cm <sup>3</sup>	6,635 cm <sup>3</sup>
Bore / Stroke	95 mm / 78 mm	95 mm / 78 mm
Valve per cylinder	4	4
Inlet variable cam timing	Yes	Yes
Exhaust variable cam timing	Yes	Yes
Lubrication	Dry sump	Dry sump
Injection	Direct	Direct
Max. Power / rpm	850 hp / 8,600	850 hp / 8,600
Max. Torque / rpm	549 ft-lbs / 7,000	549 ft-lbs / 7,000
<b>Electric Engine</b>		
Max. Power	150 hp	150 hp
Max. Torque	186 ft-lbs	186 ft-lbs
<b>Total Power</b>	<b>1,000 hp</b>	<b>1,000 hp</b>
<b>Total Torque</b>	<b>735 ft-lbs</b>	<b>735 ft-lbs</b>
<b>Transmission</b>		
Type	Propulsion (rear wheels only)	Propulsion (rear wheels only)
Gearbox	8-speed forward + 1 backward (electric)	8-speed forward + 1 backward (electric)
<b>Chassis</b>		
Type	Frontal Crashbox - Carbon Fiber Central Monocoque - Rear Aluminum frame	Frontal Crashbox - Carbon Fiber Central Monocoque - Rear Aluminum frame
Front axle	Contractive Suspension	Contractive Suspension
Rear axle	Contractive Suspension	Contractive Suspension
Steering	Power-assisted, electromechanical	Power-assisted, electromechanical
<b>Aerodynamics</b>	Active Delage hydraulic Aerodynamics (front flaps - aerobreaks - rear wing)	Active Delage electric Aerodynamics (front flaps - aerobreaks - rear wing)
<b>Brakes / Rims / Tires</b>		
Calipers	Aluminium monobloc fixed calipers - Six-pistons at front & four-pistons at rear	Aluminium monobloc fixed calipers - Six-pistons at front & four-pistons at rear
Disks	Carbon-ceramic ventialed Disks. Diameters : 380mm front & 360mm rear	Carbon-ceramic ventialed Disks. Diameters : 380mm front & 360mm rear
Rims	20"x9.5"xET45 on the front & 21x11.5"xET45 on the rear	20"x9.5"xET45 on the front & 21x11.5"xET45 on the rear
Tires	Michelin PS 4S 265/35 ZR20 on the front & 325/30 ZR21 on the rear.	Michelin PS Cup2R connected 265/35 ZR20 on the front & 325/30 ZR21 on the rear.
<b>Dimensions</b>		
Length	4,645 mm	4,645 mm
Width	2,063 mm	2,063 mm
Height	1,090 mm (TRACK mode) - 1,115 mm (ROAD mode) - 1,140 mm (CITY mode) + noselift	1,090 mm (TRACK mode) - 1,115 mm (ROAD mode) - 1,140 mm (CITY mode)
Wheelbase	2,800 mm	2,800 mm
Tank capacity	80 L	80 L
<b>Dry Weight</b>	<b>1,360 Kg (2,998 Lbs)</b>	<b>1,320 Kg (2,910 Lbs)</b>
<b>Performance (estimates)</b>		
<b>Top Speed</b>	<b>360 km/h</b>	<b>360 km/h</b>
0-100 km/h	2.5s	2.4s
<b>Nürburgring Nordschleife time</b>	<b>&lt; 6min 40s</b>	<b>&lt; 6min 35s</b>

To contact DELAGE-Automobiles: [contact@delage.fr](mailto:contact@delage.fr)