



*Hannover (Germany), 12th November 2017*

## **New Spark and Mach: an excellent class in the high power segments**

*Lamborghini Trattori has increased its product offering with the new Spark and Mach models extending the power range, with the unmistakable style of the Italian brand.*

In the medium power segment, the **Spark** range now includes the new **120, 130 and 140** models, equipped with latest generation FARMotion 4-cylinder engines, to ensure even better performance levels and reduced consumption thanks to the adoption of a highly developed SCR which ensures compliance at the most advanced level in terms of polluting emissions (Stage IV). Productivity of Spark models is guaranteed both in the field and on road thanks to the transmissions with Automatic Powershift, the hydraulic reverse shuttle with Stop&Go, SpeedMatching, the Comfort Clutch device and the brand new Hydraulic Engine Brake (HEB) which increases safety while driving on roads and at the same time reduces brake wear. Additional options include radar for continuous monitoring of slippage, automatic control of the differential lock and 4wd engagement, cab and front axle suspension, Agrosky satellite automatic guidance with 8" iMonitor and both hydraulic and pneumatic trailer braking options. . Basically, these models can be configured for extreme levels of versatility.

The **Spark** range is enhanced further with 9 additional models in the power band of 156 to 226 HP and offers a level of possible configurations second to none in this segment, the range is available with both 4 or 6-cylinder engines, three different types of transmission, different configurations of the hydraulic system, and various outfitting levels for the MaxiVision cabs. In any case, the Deutz four or six-cylinder powerunits with the adoption of DOC, SCR and passive DPF (i.e. with regeneration and maintenance reduced to a minimum) are compliant with the current (Stage IV) emissions legislation.

In addition to the high working capacities, the range is available in three different wheel base versions 2,543 mm on the 4-cylinder versions and 2,767 or 2,848 on the six-cylinder versions. Maximum permitted load, depending on the models varies from between 11,500 to 13,500 kg. These models are available with the coveted VRT continuously variable transmission, a modern 6-stage powershift (with SpeedMatching) and a fully robotised highly developed RCShift transmission. Maximum speed can be reached with all transmission versions with the engine running at an economical, super-economical or ultra-economical speed. PTO configurations include (540, 540 ECO, 1000 and 1000 ECO), with proportional electro-hydraulic engagement. The front PTO is available as an option, in both 1,000 rpm and in 1,000 ECO mode.

The hydraulic system is new and includes a 42 l/min pump, dedicated exclusively to the steering circuit and offers various options for the main hydraulic system, ranging from an 84 l/min gear pump up to the 120, 160 or 170 l/min Load Sensing pumps. The rear lift, with EHR electronic control has a maximum capacity of 9,200 or 10,000 kg (depending on the model) and offers as standard the , shock absorption of oscillations generated during transport of equipment, , height limitation and speed adjustment on lowering. The maximum capacity of the optional front lift is 4,110 or 5,480 kg.



Comfort is increased further by the new optional hydraulic suspension of the front axle including integrated functions such as adaptive control based on driving conditions, self-levelling based on load, anti-dive and anti-rise, which stiffens the suspension during braking and acceleration to reduce the transfer of the load to the front and to increase driving comfort, and anti-damping which dampens any pitch which could be generated during transport at speed on the road.

The driver's compartment is a real technological "area", ergonomic and comfortable, with the new InfoCentre<sup>Pro</sup>, as well as the availability of the 8" or 12" iMonitor. The high degree of on-board comfort, guaranteed as standard by the mechanical suspensions for the cab, can be optimised with air suspension and with the new air-seats and automatic positioning.

The high power range of Lamborghini Trattori is completed with the new **Mach 230 VRT** and **Mach 250 VRT**, two models developed to handle heavy duty work, minimising the costs of resources and working hours, thanks to efficiency levels which are second to none. The Machs are fitted with new Deutz 6.1 Stage IV engines, which compared to the previous generation are now more reactive, with increased torque at lower engine speeds, higher torque reserve and diesel and AdBlue consumption is reduced by 5%. The new engines are also coupled with high-efficiency VRT transmissions and innovative brakes and axles ensuring optimal driving comfort with maximum safety.

Thanks to the intuitive controls and a new multifunctional arm, the comfort and ergonomic level of the MaxiVision2 cab are exceptional, allowing the operator to work stress-free, in an environment which is both pleasant and specifically designed down to every detail. The new InfoCentre<sup>Pro</sup> on the dashboard is equipped with a 5" colour monitor, with clear visibility even in dark working conditions. Machs can also be equipped with an LED light pack with 4 light assemblies of 40,000 lumen.

All Mach versions can be equipped with the Adrosky satellite guidance, with a precision of  $\pm 2$  cm, as well as full compatibility with the standard ISOBUS 11783.

Once again Lamborghini Trattori stands out for the productivity - the result of a passion for excellence.

<b>SPARK</b>			
	<b>120</b>	<b>130</b>	<b>140</b>
<b>Engine</b>	FARMotion	FARMotion	FARMotion
<b>Emissions</b>	Stage IV	Stage IV	Stage IV
<b>Cylinders/Displacement</b>	4/3849	4/3849	4/3849
<b>Maximum power (HP)</b>	116	126	136
<b>Maximum torque (Nm)</b>	462	506	544
<b>Maximum permitted load (Kg)</b>	8000	9000	9000



SPARK / SPARK VRT			
	155.4	165.4	175.4
<b>Engine</b>	Deutz	Deutz	Deutz
<b>Emissions</b>	Stage IV	Stage IV	Stage IV
<b>Cylinders/Displacement</b>	4/4038	4/4038	4/4038
<b>Maximum power (HP)</b>	156	164	171
<b>Maximum torque (Nm)</b>	663	699	699
<b>Maximum permitted load (Kg)</b>	11500	11500	11500

SPARK / SPARK VRT						
	155	165	175	185	205	215
<b>Engine</b>	Deutz	Deutz	Deutz	Deutz	Deutz	Deutz
<b>Emissions</b>	Stage IV	Stage IV	Stage IV	Stage IV	Stage IV	Stage IV
<b>Cylinders/Displacement</b>	6/6057	6/6057	6/6057	6/6057	6/6057	6/6057
<b>Maximum power (HP)</b>	156	164	176	188	207	212
<b>Maximum torque (Nm)</b>	663	699	739	818	850	889
<b>Maximum permitted load (Kg)</b>	11500	11500	12500	12500	13500	13500

MACH VRT		
	230	250
<b>Engine</b>	Deutz	Deutz
<b>Emissions</b>	Stage IV	Stage IV
<b>Cylinders/Displacement</b>	6/6057	6/6057
<b>Maximum power (HP)</b>	226	246
<b>Maximum torque (Nm)</b>	889	981
<b>Maximum permitted load (Kg)</b>	14500	14500

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**Lamborghini Trattori**

Lamborghini tractors are characterised by a strong personality and stand out for their exclusive design and performance levels.

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**Información sobre SDF**

SDF, con sede central en Treviglio (BG), Italia, es uno de los principales fabricantes del mundo de tractores, máquinas cosechadoras y motores diésel. Distribuye sus productos bajo las marcas DEUTZ-FAHR, SAME, Lamborghini Trattori, Hürlimann y Grégoire. La línea de tractores cubre una gama de potencia que abarca desde los 23 a los 340 CV y la gama de las máquinas cosechadoras abarca desde los 32 a los 395 CV.

SDF cuenta con 8 plantas de producción, 13 filiales comerciales, 2 sociedades conjuntas, 141 importadores, más de 3.000 concesionarios a nivel mundial y tiene más de 4.300 empleados en todo el mundo. En 2016 la empresa facturó 1366 millones de euros y registró un EBITDA del 9 %.

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