

DEUTZ-FAHR 9 TTV Series, productivity without limits.

9 September 2015 by SDF Group

9 TTV Series in 5 points:

- Innovation
- Power
- Agility and flexibility
- Ergonomics
- Design

DEUTZ-FAHR moves into the high power sector with the introduction of the new 9 Series tractors which comprise three models from 290 hp to 340 hp and employ TTV continuously variable transmissions.

Offering operator comfort, fuel efficiency and low operating costs, these tractors also benefit from a style which has been developed and refined in collaboration with Giugiaro Design. Their clear and decisive lines for the hood, their distinctive cab and generous use of high quality materials results in an aggressive yet user friendly design which has become the hall mark of the latest DEUTZ-FAHR tractor developments.

The new models provide unequalled performance when working with large, power-sapping ploughs or deep subsoilers as they do when powering high capacity cultivator drills. Their reliability and economy is truly first class but not, it should be noted, at the expense of versatility or maneuverability.

Power is provided by DEUTZ TTCD 7.8 litre twin turbo six cylinder engines that are compliant with Tier 4 final emission regulations and employ four valves per cylinder. These engines are turbocharged and intercooled and use an integrated electronic control for their DCR (DEUTZ Common Rail) injection system and post-processing of exhaust gases with SCR catalytic converter and DPF.

A large fuel tank capacity of 600l means uninterrupted days can be spent in the field and a new electronically controlled cooling system ensures that maximum efficiency and low fuel consumption is achieved - which is particularly useful during road transport when ambient temperatures are high.

Fast reactions with safety and precision: these are the characteristics of the ZF Terramatic TMT 32 continuously variable transmission which reaches new levels of fuel efficiency when operating both in the field and on the road. A top speed of 60 kph can be attained at 1,780 rpm engine speed, 50 kph at 1,480 rpm or 40 kph at 1,350 rpm. Also helping to reduce fuel consumption is a PTO package which offers three speeds of 540E/1000/1000E and progressive electrohydraulic control.

Conditions on the road and in the field can change continuously but due to the front axle suspension system the 9 Series has perfect driving dynamics and provides superior comfort. Stopping the tractor is also important, for this, there is the PowerBrake braking system which requires only a small input to bring the tractor safely to a halt. The brake department also includes an electronic parking brake (EPB) that provides obvious positive engagement of the parking brake system. The dry disc brakes on the front axle are available as an option and make an important contribution to braking performance.

The hydraulic system employs a 210 l/min Load-Sensing pump operating at 200 bar and up to eight auxiliary distributors of which four provide a maximum flow for all needs of modern implements. All are electronically controlled with timer functions and flow control.

The hydraulic system oil tank is independent of the transmission oil reservoir and, as a result, prevents dirt entering via the auxiliary distributors. Maximum lifting capacity at the ball end of the quick fit rear arms is rated at 12,000 kg.

The MAXI-VISION cab further enhances the 9 Series tractors. Within it there is comfort, quiet and good all-round visibility – the latter due to the new single piece windshield. Further comfort is achieved through use of high-quality materials for the functional "soft grip" steering wheel and the positioning of the antiglare colour monitor alongside the driver's seat. Options include a 12" touchscreen monitor (i-Monitor 2.0), the Agrosky GPS navigation system and the Smart Farming management system.

For DEUTZ-FAHR the 9 Series represents an important milestone - one which follows hard on the heels of the multiple award winning 7 TTV Series and makes a major contribution to the efficiency of modern agriculture where efficiency, fuel economy and reliability are now essential ingredients.

Source: Same Deutz-Fahr Deutschland GmbH