

Case IH Farmall C tractors receive updates along with Stage V upgrade

Four-model 90-117hp range receives engine upgrade / New 3.6-litre FPT unit offers greater displacement / Moves from two to four valves per cylinder / Power and torque levels up / Maximum torque achieved at lower engine speed / Servicing enhanced / New option pack /

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The four-model line of Case IH Farmall C tractors, the brand's 90-117hp all-round models targeted at professional small and mid-size livestock and mixed farmers, gains a new engine for 2022, meeting Stage V emissions regulations and bringing with it a number of other benefits for performance and servicing.

At the heart of the improvements to the tractors is a new FPT Stage V four-cylinder engine offering enhanced performance and greater efficiency when compared with the Stage IIIB engine it replaces. The new engine, the F5, has a greater cubic capacity, with a displacement of 3.6 litres compared to the 3.4 litres of its predecessor. However, despite the increased capacity there are no changes to engine dimensions.

It also features four valves per cylinder versus two on the former engine, for enhanced combustion, and has a common rail fuel injection system for reduced fuel consumption and improved power delivery. This brings a number of performance benefits, including increased power output of up to 5hp, and higher torque levels – up to 10% more, with maximum torque at a lower engine speed of 1,300 rpm.

New exhaust after-treatment system

Stage V Farmall C tractors also benefit from a new exhaust after-treatment system, courtesy of the compact and maintenance-free FPT HI-eSCR2 solution. To meet Stage V legislation, this integrates a diesel oxidation catalyst, a maintenance-free particulate filter and a selective catalyst reduction unit in a single compact layout. As a result, visibility from the operator's seat is unimpeded, while manoeuvrability and ground clearance are uncompromised.

The engine uses a low rate of exhaust gas recirculation of less than 10 per cent, which helps ensure optimised combustion and minimises the dimensions of the selective catalytic reduction system. The compact HI-eSCR2 after-treatment system is maintenance-free, which means it requires no replacement of components or mechanical cleaning during the whole lifecycle.

The new engine also brings with it some serviceability enhancements, such as one-side (left hand) access to key service points including the engine oil and fuel filters.

Package of features

Farmall C tractors are also now available with a 'Selection Pack' of specific options to cover key customer needs. These include the Active Drive 2 transmission with powershuttle and powerclutch, providing up to 24 forward and 24 reverse gears with optional cruise control and creep speeds. Also in the package are front and rear axle electro-hydraulic differential locks, electronic draft control, a 64 litre/minute hydraulic pump, three-speed PTO and optional front linkage.

The new tractors are available from spring 2022.

Press releases and photos: <http://mediacentre.caseiheurope.com>

Case IH is the professionals' choice, drawing on more than 175 years of heritage and experience in the agricultural industry. A powerful range of tractors, combines and balers is supported by a global network of highly professional dealers dedicated to providing our customers with the superior support and performance solutions required to be productive and effective in the 21st century. More information on Case IH products and services can be found online at www.caseih.com.

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