

Hannover, 10. November 2013

Premiere at Agritechnica

## Case IH introduces new engine generation for Farmall A tractor series

**Newly-developed, high-torque three-cylinder engine to henceforth power Farmall A range / High fuel efficiency through advanced engine technology / Engines specially developed for use in tractors**



Agritechnica 2013 sees the unveiling of a new generation of engines from FPT Industrial (hall 1, stand H113), which will power forthcoming models of the manoeuvrable all-round tractors that make up the Farmall A serie.

Specifically designed for use in tractors, the new R22 engine has been engineered for high levels of torque and fuel efficiency, in a compact package that uses advanced engine technology to ensure environmental friendliness and keep total cost of ownership to a minimum.

The new R22 completes FPT Industrial's agricultural offering in the lower power range. A modern three-cylinder engine with 2.2 litres displacement, it produces outputs, depending on configuration, of 33-52kW (44-70hp). This is produced by cutting-edge technology which includes common-rail high-pressure injection, two valves per cylinder, a fixed-geometry turbo-charger, and a wastegate aftercooler. This combination of features helps the compact unit produce torque ratings of up to 250Nm.

The common-rail fuel injection system has a working pressure of 1,600bar, and is optimised in relation to the thermodynamic performance of the engine. Improved fuel efficiency and reduced noise levels are achieved by a special combustion chamber in which the common-rail injectors are specifically placed for optimal fuel combustion.

A newly developed anti-noise front cover adds extra insulation to significantly reduce engine noise. The R22 is also equipped with an internal exhaust gas recirculation (EGR) system and diesel oxidation catalyst (DOC) and a maintenance-free fine dust catalyst. This combination of technology ensures the new engine meets Tier 4B /Stage 4 Final emissions legislation.

PRESS RELEASE

The R22 motor will be used in Farmall A tractors following the end of 2014.

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Press releases and photos

<http://mediacentre.caseiheurope.com/>.

Case IH is the professionals' choice, drawing on more than 170 years of heritage and experience in the agricultural industry. A powerful range of tractors, combines and balers 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](http://www.caseih.com).

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