

## FPT INDUSTRIAL POWERS NEW HOLLAND AGRICULTURE: THE CR8.90 POWERED BY CURSOR 13 ENGINE SETS NEW WORLD RECORD IN SOYBEAN HARVESTING

Turin, May 11, 2017



PRESS RELEASE

FPT Industrial's exceptional commitment to excellence results in yet another acknowledgement of its status as a best-in-class player in the powertrain sector. On this occasion, the brand has set a record together with its sister CNH Industrial brand New Holland Agriculture whose CR8.90 recently set a new world record in soybean harvesting in the Bahia State of Brazil. The combine harvester powered by the **Cursor 13 MAR-1 (Tier3)** engine was able to harvest a massive 439.73 tons of soybean in eight hours and was certified by the independent organization RankBrasil. The CR 8.90 delivered outstanding performance in exceptionally high yield crop: 4,886 kilograms per hectare: the model follows in the footsteps of the CR 10.90, which has held the world record title in wheat since 2014.

The **Cursor series** is FPT Industrial's flagship engine family for off-road applications, designed to provide best-in-class performance for equipment with highly intensive missions, ensuring low operating costs, high performance and maximum productivity. Specifically designed for **heavy duty off-road applications**, the Cursor series' has proven **robustness and reliability** which leverages structural strength, representing the right solution for the most demanding agriculture, construction and industrial applications (such as large-size tractors, harvesting machines, wheel loaders, forestry equipment).

Available in 4 engine models (8.7, 10.3, 11.1, 12.9 and 15.9 liter displacements), Cursor engines have a 6-cylinder architecture, featuring Electronic Unit Injectors or Common Rail

System to ensure optimal combustion efficiency; proven turbocharger architectures allow airflow optimization to deliver high performance and low fuel consumption. With long-standing **EGR-free technology**, Cursor engines represent the right choice for fuel efficiency, low operating costs and maximum reliability.



Originally developed in 1998, the second generation of **Cursor 13** was launched in 2013 which introduces a new heavy duty Common Rail System and revised engine hardware. Different turbocharger solutions (WG and high-performance two-stage versions) ensure optimized output to meet a wide range of requirements.

The **Cursor 13 on the New Holland Agriculture CR8.90** features a high pressure Electronic Unit Injector system, efficient Fixed Geometry Turbocharger delivering high power and torque with competitive fuel consumption. Furthermore, this engine is best-in-class for oil change intervals (600 hours) resulting in reduced vehicle downtime and improved productivity. It has a lean layout, designed to ensure quick and easy maintenance operations.

#### **Cursor 13 MAR I (Tier 3) Specifications**

Displacement:	12,9 lt
Architecture (Cyl. / Valves):	6L / 4
Bore x Stroke (mm):	135 x 150
Max Power (hp) [kW]:	571 [420]
Max Torque (Nm):	2,350
Injection system:	Electronic Unit Injectors
Air Handling:	Wastegate Turbocharger

EGR: None

ATS: Light SCR (\*)

(\*)Light SCR is an SCR system with minimal DEF requirement, ensuring high engine efficiency thanks to no EGR.

***FPT Industrial** is a brand of CNH Industrial, dedicated to the design, production and sale of powertrains for on and off-road vehicles, marine and power generation applications. The company employs more than 8,000 people worldwide, in ten manufacturing plants and seven R&D Centres. The FPT Industrial sales network consists of 93 dealers and over 900 service centres in almost 100 countries. A wide product offering, including six engine ranges from 42 hp up to 1,006 hp, transmissions with maximum torque of 200 Nm up to 500 Nm, front and rear axles from 2 to 32 ton GAW (Gross Axle Weight) and a close focus on R&D activities make FPT Industrial a world leader in industrial powertrains. For further information, visit [www.fptindustrial.com](http://www.fptindustrial.com).*

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