

FPT INDUSTRIAL POWERS CASE CONSTRUCTION EQUIPMENT'S NEW E-SERIES CRAWLER EXCAVATORS

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FPT Industrial is strengthening its already solid position in the construction equipment sector, with the new “E-Series” crawler excavators from CASE Construction Equipment to be powered by the company’s Stage V NEF engines.

Building on a legacy of earth-moving innovation spanning 180 years, CASE now presents the “E-Series” crawler excavators – where “E” stands for “Excellence” – ranging from 13 to 30-metric ton models: CX130E, CX160E, CX180E, CX210E, CX240E, CX250E, CX300E. They all feature best-in-class benefits, offering customers greater controllability, reliability, operator comfort, efficiency, productivity, and lower total cost of ownership (TCO), and are all powered by FPT Industrial’s NEF engines.

The choice of FPT Industrial NEF engines will guarantee an improved transient response ensuring high reliability, thus responding to the demanding needs of this specific application. With the E-Series CASE completes its Stage V offering confirming FPT Industrial as a strong partner.

The **new E-Series incorporates more powerful and efficient Stage V engines**, which offer greater displacement while meeting stringent emissions requirements. The **13-18-metric ton models feature the N45**, the 4.5-liter engine from the renowned NEF series, while the **N67** (6.7-liter, 6-cylinder version from the same engine family) **powers the 21-30-metric ton models.**

The NEF engines powering the new CASE E-Series **ensure optimal combustion efficiency** thanks to their **EGR-free architecture**, while the **FPT-patented HI-eSCR2 after-treatment system** results in low running costs – this for-life system has no need for mechanical cleaning or replacement parts over its life cycle. High-capacity filters with clogging sensor deliver **best-in-class service intervals of up to 1,000 hours**, an outstanding improvement over previous solutions.

With the NEF engines powering this new range of excavators, more and more CASE Construction vehicles are being supplied with an FPT engine. This provides advantages in the field, with the management of construction sites greatly simplified.

To allow the use of renewable fuels, NEF Stage V engines fitted on all E-Series models are compatible with EN15940-compliant fuels, such as the increasingly popular HVO (Hydrogenated Vegetable Oils).



The FPT Industrial N45 engine

Designed for the most demanding construction equipment missions, the NEF series is the foremost example of FPT Industrial's technological excellence. Since 2001, more than 2 million engines have been manufactured for a wide range of applications: construction equipment, agriculture, on-road, marine, and power generation.

FPT Industrial's offering for the earthmoving sector features engine families with power outputs ranging from 40 to 670 kW, and displacements of 2.8 to 20 liters. They can be installed on a number of applications such as excavators, wheel loaders, skid steer loaders, graders, dozers, forklifts, and cranes, amongst others.

With **best-in-class performance in terms of power, torque, fuel efficiency, and reliability**, the NEF series stands out for its flexibility, with 4- (N45) and 6- (N67) cylinder configurations, as well as a wide range of options to customize the solution to the customers' requirements.



The FPT Industrial N67 engine

Both NEF engines and the HI-eSCR2 system for Stage V compliance are offered in a compact and lightweight package to facilitate installation on the vehicle, offering a wide range of after-treatment layouts for customized solutions.

Combining robustness, reliability, and performance, NEF engines have been chosen by huge numbers of customers over the years for heavy-duty off-road applications.

“The new CASE E-Series excavators are a perfect example of how a combination of new and leading features can integrate and work together to deliver customers great and real benefits.” says **Diego Rotti, Off-Road Product Marketing Manager of FPT Industrial**. *“We are proud to provide CASE Construction Equipment with powerful and efficient engine solutions granting the technological excellence they deserve and to do our very best to keep CASE at the top of such a competitive and demanding industry.*

For further technical specifications, visit www.fptindustrial.com/global/it/motori/off-road/movimento-terra/n45

FPT Industrial is a brand of Iveco Group, dedicated to the design, production and sale of powertrains for on-road and off-road vehicles, as well as marine and power generation applications. The company employs more than 8,000 people worldwide, in ten manufacturing plants and seven R&D Centers. The FPT Industrial sales network consists of 73 dealerships and about 800 service centers 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). FPT Industrial offers the most complete lineup of natural gas engines on the market for industrial applications, with power that goes from 50 to 460 hp. This extensive offering and a strong focus on R&D activities make FPT Industrial a world leader in industrial powertrains. For more information, go to www.fptindustrial.com.

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