

## FPT INDUSTRIAL UNVEILS THE R38, THE BRAND-NEW COMPACT ENGINE THAT ENHANCES ITS POWER GENERATION AND INDUSTRIAL POWER UNIT LINE-UP

Turin, Italy, November 6<sup>th</sup>, 2024

**FPT Industrial**, the Iveco Group brand dedicated to the design, production, and sale of powertrains and solutions for on- and off-road vehicles, as well as marine and power generation applications, has introduced its new **R38**, an engine that represents a mini-refresh of its extensive line-up. The new R38 was unveiled at **EIMA 2024**, the latest edition of the International Agricultural and Gardening Machinery Exhibition, held in Bologna from 6 to 10 November 2024.



FPT Industrial is a leader in the power generation and IPU field thanks to its comprehensive line-up – ranging from 2.4 l to 16 l – that complies with worldwide emission standards and ensures optimal performance across various applications.

### **NEW R38 – EXCELLENT PERFORMANCE IN A FULLY PACKAGED AND COST-EFFECTIVE SOLUTION**

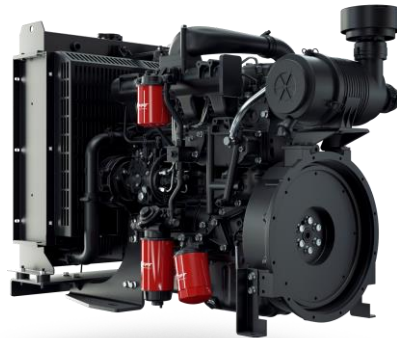
The R38 is FPT Industrial's new **3.8 l turbocharged engine** that aims to offer a **cost-effective solution for unregulated applications**. It offers full compliance with EU standards, and seamless integration with the rest of FPT Industrial's ecosystem. It covers the 50 kVA and 60

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kVA outputs in the power generation line-up, and 55 kW and 65 kW in the industrial power unit version, making it ideal for a wide range of applications.

Like the R24, the previous addition to FPT Industrial's innovative portfolio, it comes as a **compact four-cylinder G-Drive, with cooling pack and filters already installed**. The new R38 features a robust, proven and reliable mechanical injection system, while the single-side servicing facilitates and speeds up maintenance activities. For the power generation version, the R38 is switchable from 1,500 rpm to 1,800 rpm to minimize OEMs' stock requirements, and it is suitable for a broad range of applications, from stationary backup to mobile prime power.

**Francesca Rinaldi**, Power Gen Portfolio and Product Management at FPT Industrial, said: *"The new R38 is set to play an important role within our product portfolio, since it will be available in both Power Generation and Industrial Power Unit versions. The introduction of this engine aims to meet even more needs within the unregulated markets: we expect it to quickly become a major player in its target sector, especially for applications such as generators, irrigation pumps, hydraulic power units, dewatering pumps, and air compressors."*



### **R38 Power Generation – Technical Specifications**

Stand-by Power [kW]: 55 – 66

Prime Power [kW]: 50 – 66

Emission level: UR

Bore x Stroke [mm]: 102 x 115  
Displacement [l]: 3.8  
Compression ratio: 17.5:1  
Cylinders: 4  
Valves per cylinder: 2  
Aspiration: Turbocharged  
Flywheel: 11.5"  
Flywheel Housing: SAE 3  
Injection system: Direct Injection / Mech

### **R38 IPU – Technical Specifications**

Power [kW@rpm]: 55 – 65 @ 2500  
Torque [Nm@rpm]: 290 @ 1800 – 320 @ 1700  
Idle speed [rpm]: 850 ± 50  
Emission level: UR  
Bore x Stroke [mm]: 102 x 115  
Displacement [l]: 3.8  
Compression ratio: 17.5:1  
Cylinders: 4  
Valves per cylinder: 2  
Aspiration: Turbocharged  
Flywheel: 11.5"  
Flywheel Housing: SAE 3  
Injection system: Direct Injection / Mech  
aux PTO [Nm]: 80

***FPT Industrial** is a brand of Iveco Group N.V. (EXM: IVG), dedicated to the design, production, and sale of powertrains and solutions for on- and off-road vehicles, as well as marine and power generation applications. Over 8,000 people across ten production sites and ten R&D centers work for FPT Industrial all around the world. Active in nearly 100 different countries, its global sales and its Customer Service department supports all Brand customers. The extensive product offering includes six engine ranges with power outputs from 42 hp to over 1,000 hp, transmissions with torque up to 500 Nm, and front and rear axles from 2.45 to 32 tonne GAW (Gross Axle Weight). FPT Industrial offers the most complete line-up of natural gas engines for industrial applications on the market, with power outputs ranging from 50 to 520 hp. A dedicated ePowertrain division is accelerating the path towards net zero-emissions mobility, with electric drivelines, battery packs, and battery management systems. This extensive offering, and its strong focus on R&D, makes FPT Industrial a world leader in industrial powertrains and solutions. For more information, visit [www.fptindustrial.com](http://www.fptindustrial.com).*

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