



OFFROAD / AGRICULTURE

F28

**Our efficiency.
Your edge.**

Compact Package, Bigger Performance

Compact agriculture equipment requires increasing performance respecting stringent dimension constraints. Therefore, engines are challenged to outperform, maximizing productivity within compact layouts.

The FPT solution for specialized and small utility tractors is the new F28 Stage V, a one-engine solution that matches both space and performance-driven applications thanks to enhanced output in a highly compact packaging, that is 5% smaller than competitors' average.

In line with FPT strategy and commitment to sustainable solutions, F28 features efficient, optimized combustion and has been designed to be Modular and Multipower, for Diesel, natural gas and hybrid applications providing lower operating costs and environmental sustainability.

Lean design, with integrated EGR channel and reduced liner bridge, ensures compactness for easier vehicle installation. A wide range of options is also available, including flywheels, flywheel housings, oil pans and filters.

A highly compact after-treatment solution grants cross-region installation modularity, with a common packaging for Europe Stage V (DOC+DPF) and NAFTA Tier 4 Final (DOC-only).

A full-service package—from maintenance to support—can be tailor-made for every customer and industry.



Highlights

Performance

- Up to 55 kW (75 hp) / 375 Nm with high-torque approach for prompt response: low-end torque 23% higher than market average. Specific high-performance version designed for 75 kW (100 hp) / 415 Nm.
- Aftercooled and non-aftercooled versions for different performance needs.

Compactness

- 3.4 L performance in a 2 L package.
- Compact after-treatment system (ATS) with simple installation and layout.

Ease of Use & Low Cost of Ownership

- Single side serviceability and 600-hour service interval for easier maintenance and low running costs.

Multipower & Modularity

- Ready for Natural Gas & Hybrid, with a modular design sharing common base components with Diesel.

Model	Cylinder Arrangement Air Handling	Turbocharging	Injection System	Displacement (Liters)	Power			Torque		Emission Standard	Exhaust System
					kW	HP	RPM	Nm	RPM		
					F28	4L/TCA	WG	Common Rail	2,8		
F28	4L/TCA	WG	Common Rail	2,8	43	58	2500	250	1400	Tier 4 Final Stage V	EGR+DOC DOC+DPF
F28	4L/TC	WG	Common Rail	2,8	55	75	2500	260	1800	Tier 4 Final Stage V	EGR+DOC EGR+DOC+DPF
F28	4L/TCA	WG	Common Rail	2,8	55	75	2500	375	1400	Tier 4 Final Stage V	EGR+DOC EGR+DOC+DPF
F28	4L/TCA	WG	Common Rail	2,8	75	100	2300	415	1500	Tier 4 Final Stage V	EGR+DOC+DPF+SCR

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