



STAGE V / TIER 4 FINAL

***INDUSTRIAL
POWER UNIT***

**Our efficiency.
Your edge.**

The Power of Innovation

FPT Industrial offers a series of plug-and-play power solutions that fit a wide range of applications. Our power units are ideal for both stationary applications (irrigation pumps, hydraulic power units, manure and de-watering pumps, concrete pumps, wood chippers and grinders, airline ground support equipment, screeners, and crushers) and for mobile applications (special harvesters, drills, sprayers).

A new FPT smart installation solution complies with strict emission regulations by enclosing all key after-treatment components—including the urea injection system and all required sensors and manifolds—into a single package. The result is a compact, pre-assembled solution that eliminates the need for a dedicated exhaust system. Installation is easy thanks to rigorous testing of fluid dynamics, layout and sensor positioning. For greater installation flexibility, the after-treatment pack comes as either a ready-to-use, engine mounted solution or an individual pack for OEM applications.

A set of options such as alternators, starters, water and air preheating and different urea tank sizes provides further flexibility for customer installations. The lineup features three engine families (F5, NEF and Cursor) from 3.4 liters to 12.9 liters with power output from 55 to 407 kW.

Power units featuring FPT's F5 series deliver from 55 to 105 kW. The F5 Series stands out for compactness, with 3.4 and 3.6-liter displacement and high torque up to 600 Nm, plus ease of maintenance thanks to one-side service-ability.

The NEF Series includes both 4.5-liter and 6.7-liter engines. The four-cylinder 4.5-liter N45 provides between 89 to 150 kW and the six-cylinder, 6.7-liter N67 produces between 129 and 212 kW. The NEF Series stands out for performance and reliability, featuring a lean engine design with single-stage turbocharging and no EGR.

The highest-power nodes are covered by the Cursor Series, with the six-cylinder 8.7-liter Cursor 9, which generates from 245 to 308 kW, and the six-cylinder 12.9-liter Cursor 13, which generates from 346 to 407 kW. These engines provide reliable performance in heavy-duty operations.

Low operating costs are ensured by 600-hours oil change intervals and a maintenance-free after-treatment system. Replacement or cleaning is not required over the life of the system.

The FPT PowerPack range complies with Stage V and Tier 4 Final regulations, providing a cross-region solution meeting the global, higher-emission standards with a common layout.

Model	Cylinder Arrangement Air Handling	Turbocharging	Injection System	Displacement (Liters)	Power			Torque		Emission Standard	Exhaust System
					kW	HP	RPM	Nm	RPM		
F34	4L/TC	WG	Common Rail	3.4	55	75	2300	320	1300	Stage V / Tier 4	DOC+DPF
F36	4L/TCA	WG	Common Rail	3.6	63	83	2300	354	1400	Stage V / Tier 4	HI-eSCR2
F36	4L/TCA	WG	Common Rail	3.6	75	102	2300	430	1400	Stage V / Tier 4	HI-eSCR2
F36	4L/TCA	WG	Common Rail	3.6	90	122	2300	490	1400	Stage V / Tier 4	HI-eSCR2
F36	4L/TCA	WG	Common Rail	3.6	105	143	2300	600	1500	Stage V / Tier 4	HI-eSCR2
N45	4L/TCA	WG	Common Rail	4.5	89	121	2200	539	1250	Stage V / Tier 4	HI-eSCR2
N45	4L/TCA	WG	Common Rail	4.5	103	140	2200	637	1500	Stage V / Tier 4	HI-eSCR2
N45	4L/TCA	WG	Common Rail	4.5	125	170	2200	712	1500	Stage V / Tier 4	HI-eSCR2
N45	4L/TCA	WG	Common Rail	4.5	150	204	2100	800	1400	Stage V / Tier 4	HI-eSCR2
N67	6L/TCA	WG	Common Rail	6.7	129	175	2200	805	1500	Stage V / Tier 4	HI-eSCR2
N67	6L/TCA	WG	Common Rail	6.7	151	205	2200	940	1500	Stage V / Tier 4	HI-eSCR2
N67	6L/TCA	WG	Common Rail	6.7	191	260	2200	1160	1500	Stage V / Tier 4	HI-eSCR2
N67	6L/TCA	WG	Common Rail	6.7	212	288	2200	1160	1500	Stage V / Tier 4	HI-eSCR2
C87	6L/TCA	WG	Common Rail	8.7	245	333	2100	1510	1500	Stage V / Tier 4	HI-eSCR2
C87	6L/TCA	WG	Common Rail	8.7	275	374	2100	1675	1500	Stage V / Tier 4	HI-eSCR2
C87	6L/TCA	WG	Common Rail	8.7	308	419	2100	1800	1500	Stage V / Tier 4	HI-eSCR2
C13	6L/TCA	WG	Common Rail	12.9	346	471	2100	2012	1400	Stage V / Tier 4	HI-eSCR2
C13	6L/TCA	WG	Common Rail	12.9	384	522	2100	2258	1400	Stage V / Tier 4	HI-eSCR2
C13	6L/TCA	WG	Common Rail	12.9	407	554	2100	2401	1400	Stage V / Tier 4	HI-eSCR2

Legend

Arrangement
L In line

Air Intake
TC Turbocharged
TCA Turbocharged Aftercooled

Turbocharging
WG Fixed geometry Turbo with WasteGate valve

Plug & play, effortless emission compliance

Performance

- Power demand and torque response guaranteed in the most severe operating conditions for a wide range of applications.
- High power density.

Respect for the Environment

- Compliance with the most stringent emission legislations.

Running Cost Reduction

- 600-hours oil service interval.
- Excellent fluid efficiency.
- Maintenance free after-treatment system.

Smart Installation

- Fully-packed and pre-validated solution.



FPT Industrial S.p.A.

Via Puglia 15, 10156
Torino, Italy

fptindustrial.com

[marketing@
fptindustrial.com](mailto:marketing@fptindustrial.com)

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