

XC13

The first FPT multi-fuel single base engine

FPT Industrial is successfully combining performance, emissions goals, reliability, and everyday needs.

The new XC13 is a breakthrough in this area: best-in-class performance thanks to improved combustion efficiency, making it a primary contributor to achieving the 2025 fleet-wide CO₂ emissions target.

New technology includes a unique turbocharger design with divided flow for the diesel version which, with proprietary FPT software and reduced friction of the engine components, allows the attainment of both performance and sustainability benefits.

Being the first FPT multi-fuel single base engine means it is compatible with a wide range of market requirements, with limited impact on vehicle installation.

The XC13 will be available in diesel and methane versions, with future provision for hydrogen technology and ready for next generation emission challenges.

SPECIFICATIONS

Model:	XC13
Application:	Trucks
Cylinder arrangement:	6 Cyl. In line
Valves per cyl.:	4
Thermodynamic cycle:	Diesel 4 stroke
Injection System:	ECR 2500bar
Turbocharger:	EVGT BB
Displacement:	12,9
Cooling System:	Liquid
Bore x Stroke:	135 x 150
Peak power:	368 (500) @ 1650
Peak torque:	2600 @ 843
ATS:	DOC + DPF + SCR + CUC
Certification:	Euro VI E

WEIGHT AND DIMENSIONS

Dimensions ¹ :	mm	1365 x 1079 x 1185 (L ² xWxH)
Dry Weight:	kg	1018

- 1 Dimensions can be changed according to engine options
- 2 Lenght at flywheel



LEGEND

Turbocharger	Injection System	Exhaust System
EVGT BB (Electronic Variable Geometry Turbo Ball Bearing)	ECR 2500bar (Electronic Common Rail 2500 bar pressure)	DOC (Diesel Oxidation Catalyst)
eWG (electronic fixed geometry turbocharger with Waste Gate valve)	MPI (Multi-Points Injection)	DPF (Diesel Particulate Filter w/ passive regeneration)
		SCR (Selective Catalytic Reduction)
		CUC (Clean Up Catalyst)

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SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE