

XC13

The first FPT Industrial multi-fuel single base engine

As a leading powertrain manufacturer, FPT Industrial plays a key role in the development of the powertrains of the future. When developing new products, FPT Industrial combines performance, emissions goals, reliability, and increased productivity requirements for each specific agriculture application.

Starting from a single base engine, multiple versions have been engineered to run with different fuels, from diesel to natural gas, hydrogen and renewable fuels, ensuring maximum component standardization and minimum impact for on-vehicle installation.

In the mark of FPT Industrial commitment of continuously improving the Internal Combustion Engine, XC13 relies on state-of-art technology and a low CO₂ oriented approach, making it ready for future emission regulations challenges.

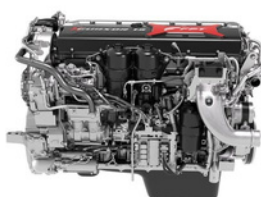
SPECIFICATIONS

Model:		XC13
Application:		Agriculture
Cylinder arrangement:		6 Cylinders in line
Valves per cylinder:		4
Thermodynamic cycle:		Diesel 4 stroke
Injection System:		Common rail 2500bar
Turbocharger:		WG
Displacement:	liters	12,9
Cooling System:		Liquid
Bore x Stroke:	millimeters	135 x 150
Peak power:	kW (HP) @ rpm	500 (680) @ 1900
Peak torque:	Nm @ rpm	2800 @ 1500
ATS:		Hi-eSCR2
Certification:		Stage -V / Tier-4 Final

WEIGHT AND DIMENSIONS

Dimensions¹:	millimeters	1404 x 826 x 1434 (L ² xWxH)
Dry Weight:	kg	1230

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



LEGEND

Turbocharger

eVGT (Electronic Variable Geometry Turbo)
WG (Waste Gate valve)

Injection System

ECR 2500bar (Electronic Common Rail 2500 bar pressure)

Exhaust System

SCR (Selective Catalytic Reduction)
DOC (Diesel Oxidation Catalyst)
DPF (Diesel Particulate Filter)

FOR INFORMATION ON THE AVAILABLE RATINGS NOT LISTED IN THIS DOCUMENT PLEASE CONTACT THE FPT INDUSTRIAL SALES NETWORK OR VISIT OUR SITE www.fptindustrial.com

SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE