

YUCHAI Stage V Engines YCF36 Series

— Including 80 ~ 120 hp tractor

Emissions:
CN 4 /EU Stage V



— Product Introduction:

I. Technical Route

Adopts Bosch off-road common rail system and EGR+DOC+DPF+SCR+ASC after treatment technology route, is a Stage V emission standard product.

II. Application

Applicable to off-road machinery, including 80 ~ 120 hp tractor, harvester, 4 ~ 5 tons forklift, wheel loader.

III. High Reliability

Through comprehensive CAE simulation analysis and strict deep reliability test development, the machine has good reliability and the oil and oil filter maintenance interval are 500 hours.

IV. Lightweight

Lightweight design, the machine weight is only 280kg, the lightest one comparing to others competitors. After loading the vehicle weight is light, low fuel consumption.

V. Comfort

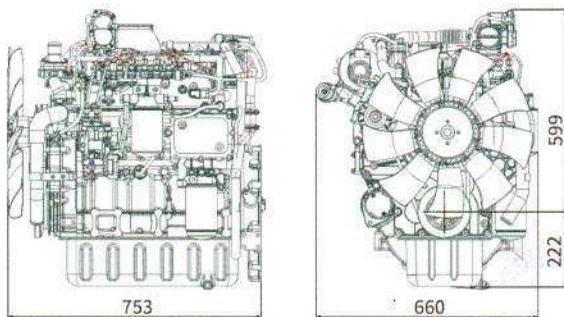
Optional double balanced shaft, greatly reduce the second-order vibration of engine, the engine vibration is low, the vehicle driving more comfortable.



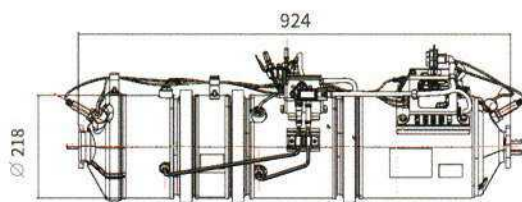
— Technical Parameters:

Engine Model	YCF36140-S500
Type	In-line, water cooled, 4-cycle
No. of Cylinders	4
Bore and Stroke	98mm × 120mm
Displacement	3.6 L
Aspiration	Turbocharged and air-to-air intercooled
Rated Power	66~103kW
Rated Speed	2200~2400rpm
Max.Torque	500@1400~1600rpm
Emissions	CN 4 /EU Stage V
Fuel System	Common Rail
After Treatment System	DOC+DPF+SCR/EGR+DOC+DPF+SCR+ASC
Length	753mm
Width	660mm
Height	821mm
Dry Weight	280kg

Dimension:



I. Engine: length × width × height (mm) :753×660×821



II. Aftertreatment vehicle installation: length (mm): 924, diameter (mm): φ218

Performance Curve:

