

PRODUCT SPECIFICATIONS FOR C13



Maximum Power	388 kW
Rated Speed	1800-2100 rpm
Minimum Power	287 kW
Emissions	U.S. EPA Tier 4 Final, EU Stage V, Japan 2014 and Korea Tier 4 Final emissions standards
Engine Configuration	Inline 6, 4-Stroke-Cycle Diesel
Bore	130 mm
Stroke	157 mm
Displacement	12.5 l
Compression Ratio	17.0:1
Aspiration	Turbocharged Aftercooled (TA)
Rotation from Flywheel End	Counterclockwise
Aftertreatment	DOC+DPF+SCR
Length	2122 mm
Width	1247 mm
Height	2082 mm

Weight 2304 kg

Length 854 mm

Width 287 mm

Height 551 mm

Weight 19.4 kg

Volume Capacity 48.4 l

C13 STANDARD EQUIPMENT

AIR INLET SYSTEM

Turbocharged

Air-to-Air Aftercooled

Mid-mount turbocharged system with front and rear exhaust configurations (Tier 4 Final, Stage V)

CONTROL SYSTEM

Electronic control system

Over-foam wiring harness

Automatic altitude compensation

Power compensated for fuel temperature

Configurable software features

Engine monitoring system SAE J1939 broadcast and control

Integrated Electronic Control Unit (ECU)

Remote fan control

COOLING SYSTEM

Vertical or RH thermostat outlet

Centrifugal water pump

Guidance on cooling system design available through your dealer to ensure equipment reliability

FLYWHEELS AND FLYWHEEL HOUSING

SAE No. 1 flywheel housing

Available SAE No. 1 power take off with optional SAE A, SAE B or SAE C power take off drives. Engine power can also be taken from the front of the engine with optional attachments. (Tier 4 Final, Stage V).

FUEL SYSTEM

MEUI injection

Primary fuel filter

Secondary fuel filters

Fuel transfer pump

Electronic fuel priming

LUBE SYSTEM

Open crankcase ventilation system

Oil cooler

Oil filler

Lube oil filter

Oil dipstick

Gear driven oil pump

Choice of front, rear or center sumps

Open crankcase ventilation system with fumes disposal (optional OCV filter system) (Tier 4 Final, Stage V)

POWER TAKE OFF (PTO)

SAE A, SAE B or SAE C power take off (PTO) drives. Engine power can also be taken from the front of the engine on some applications.

GENERAL

Paint: Cat yellow

U.S. EPA TIER 4 FINAL, EU STAGE V AFTERTREATMENT/ CLEAN EMISSIONS CONTROL EQUIPMENT

Cat Regeneration System

Clean Emissions Module (CEM), consisting of Diesel Particulate Filter (DPF) and Diesel Oxidation Catalyst (DOC)

Aftertreatment Electronic Control Unit (ECU)

NOx Reduction System (NRS)

Pump Electronic Control Unit (PETU)

Selective Catalytic Reduction (SCR)

Available in 12V or 24V systems

