

PRODUCT SPECIFICATIONS FOR C2.2



Maximum Power	55 kW
Maximum Torque	270 Nm @ 1600 rpm
Rated Speed	2800 rpm
Minimum Power	45 kW
Emissions	U.S. EPA & CARB Tier 4 Final, EU Stage V
Engine Configuration	In-Line 4, 4-Stroke-Cycle Diesel
Bore	84 mm
Stroke	100 mm
Displacement	2.2 l
Compression Ratio	17.0:1
Aspiration	Turbocharged (T) or Turbocharged-Aftercooled (TA)
Combustion System	Direct Injection
Rotation from Flywheel End	Counterclockwise
Aftertreatment	DOC+DPF
Length	807 mm

Width	529 mm
--------------	--------

Height	766 mm
---------------	--------

Weight - Net Dry - Basic Operating Engine Without Optional Attachments	231 kg
---	--------

Length	408 mm
---------------	--------

Weight	5.8 kg
---------------	--------

Diameter	155 mm
-----------------	--------

C2.2 STANDARD EQUIPMENT

CONTROL SYSTEM

Alternator 12 volt 85 amp

Starter motor 12 volt

Glow plug starting aid, delivers heat directly to cylinder for best starting performance in cold weather

Electronic control unit - chassis mounted

Flexible and configurable software features and well supported SAE J1939 CAN bus enables highly integrated machines

integrated machines

Wiring harness connectors and sensors are waterproof and designed to withstand harsh off-highway environments

FLYWHEELS AND FLYWHEEL HOUSING

SAE No. 4 standard flywheel housing

Choice of flywheel weight and bolting pattern to accommodate a range of industry-standard hydraulic pumps and transmissions

FUEL SYSTEM

2000 bar high-pressure common rail system

Proprietary fuel filters to ensure engine protection through correct service procedures, along with water-in-fuel detection, ensures maximum machine up-time for the operator

LUBE SYSTEM

Alternative oil fillers

Spin-on lube oil filter

POWER TAKE OFF (PTO)

SAE A PTO drive

GENERAL

Cast iron engine block

Cast iron exhaust manifold

Gradeability 35° continuous

Paint: Cat yellow

AFTERTREATMENT/CLEAN EMISSIONS CONTROL EQUIPMENT

Diesel Oxidation Catalyst (DOC)

Diesel Particulate Filter (DPF)

