

Product Specifications For C32



Power Rating

Maximum Power	895 kW
Maximum Torque	5499 Nm @ 1200 rpm
Rated Speed	1800 rpm
Minimum Power	746 kW

Emission Standards

Emissions	U.S. EPA Tier 4 Final
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General

Engine Configuration	V-12
Bore	145 mm
Stroke	162 mm
Displacement	32.1 l
Compression Ratio	15.0:1
Aspiration	Twin Turbocharged Aftercooled (TTA)
Combustion System	Direct Injection
Rotation from Flywheel End	Counterclockwise
Aftertreatment	DOC

Engine Dimensions - Approximate

Length	1874 mm
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Width	1600 mm
Height	1370 mm
Weight - Net Dry - Basic Operating Engine Without Optional Attachments	3004 kg

C32 Standard Equipment

Air Inlet System

Turbocharged
Air-to-Air Aftercooled

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

Cooling System

Thermostats and housing, vertical outlet
Jacket water pump, centrifugal
Water pump, inlet

Exhaust System

Exhaust manifold, dry
Optional exhaust outlet

Flywheels And Flywheel Housing

Choice of SAE No. 0 or SAE No. 1 flywheel housing

Fuel System

MEUI injection
Fuel filter, secondary (2 micron)
Electronic fuel priming

Lube System

Open crankcase ventilation system
Oil cooler
Oil filler
Lube oil filter

Rear sump oil pan
Oil dipstick
Gear driven oil pump

General

Paint: Caterpillar yellow, with optional colors available at request