

# PRODUCT SPECIFICATIONS FOR C32



<b>Maximum Power</b>	1007 kW
<b>Maximum Torque</b>	6166 Nm @ 1400 rpm
<b>Rated Speed</b>	1800-2100 rpm
<b>Minimum Power</b>	708 kW
<b>Emissions</b>	U.S. EPA Tier 2 Equivalent
<b>Engine Configuration</b>	V-12, 4-Stroke-Cycle Diesel
<b>Bore</b>	145 mm
<b>Stroke</b>	162 mm
<b>Displacement</b>	32.1 l
<b>Compression Ratio</b>	16.5:1
<b>Aspiration</b>	Turbocharged Aftercooled (TA)
<b>Combustion System</b>	Direct Injection
<b>Rotation from Flywheel End</b>	Counterclockwise
<b>Aftertreatment</b>	-
<b>Length</b>	1917 mm

**Width** 1479 mm

**Height** 1319 mm

**Weight - Net Dry - Basic Operating Engine Without Optional Attachments** 2946 kg

## **C32 STANDARD EQUIPMENT**

### **AIR INLET SYSTEM**

Twin Turbocharged Aftercooled

Air-to-Air Aftercooled

### **CONTROL SYSTEM**

Electronic governing, PTO speed control

Programmable ratings

Automatic altitude compensation

Power compensation for fuel temperature

Programmable low and high idle and total engine limit

Electronic diagnostics and fault logging

Engine monitoring system SAE J1939 broadcast and control

ADEM™ A4 Electronic Control Unit (ECU)

### **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**

SAE No. 1 flywheel housing

3/2L NO. 1 Flywheel housing

## **FUEL SYSTEM**

MEUI injection

Fuel filter, secondary (2 micron)

ACERT™ Technology

Fuel transfer pump

Fuel priming pump

## **LUBE SYSTEM**

Crankcase breather

Oil cooler

Oil filler

Lube oil filter

Front sump oil pan

Oil dipstick

Gear driven oil pump

## **GENERAL**

Vibration damper

Lifting eyes

Cold start capability to -20° C (-4° F)

Paint: Caterpillar yellow, with optional colors available at request

