

Product Specifications For 3516E



Power Rating

Maximum Power	2100 HP
Maximum Torque	8275 lb-ft @ 1200 rpm
Rated Speed	1650 rpm
Minimum Power	2100 HP

Emission Standards

Emissions	U.S. EPA Tier 4 Final, EU Stage V
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General

Engine Configuration	V-16
Bore	6.7 in
Stroke	8.5 in
Displacement	4760 in ³
Compression Ratio	16.5:1
Aspiration	Turbocharged Aftercooled (TTA)
Combustion System	MEUI
Rotation from Flywheel End	Counterclockwise
Aftertreatment	SCR

Engine Dimensions - Approximate

Length	122.2 in
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Width	63.6 in
Height	83 in
Weight - Net Dry - Basic Operating Engine Without Optional Attachments	18025 lb

Aftertreatment Dimensions

Length	92.5 in
Width	79.1 in
Height	31.9 in
Weight	2378 lb

3516E Standard Equipment

Air Inlet System

Four turbochargers, centre mounted
Air-to-Air Aftercooled (ATAAC)

Control System

Electronic engine control

Exhaust System

Two exhaust outlets, 203 mm (8 in) round flange
Exhaust manifold, dry
Four turbochargers with watercooled bearings

Cooling System

Gear-driven centrifugal jacket water pump
Connections for radiator cooling
Thermostats and housing

Flywheels And Flywheel Housing

Flywheel housing, SAE No. 0 or SAE No. 00
Flywheel, SAE No. 18 or SAE No. 21
SAE standard rotation

Fuel System

Fuel filter, LH spin-on type
Fuel transfer pump
Electronically controlled unit injectors

Lube System

Crankcase breather, top mounted
Oil cooler
Oil filler and dipstick, LH
Oil pump
Oil filter, LH, spin-on type
Front sump oil pan, 500-hour change interval

General

Paint: Caterpillar yellow, with optional colors available at request
Vibration damper
Lifting eyes