



Image shown may not reflect actual configuration

The Cat® C3.6 agricultural tractor engine offers the perfect balance of compact size, reliability, and performance. This engine is offered in ratings ranging up to 100 kW (134 hp) @ 2200 rpm.

The C3.6 is designed to meet the specific requirements of agricultural tractors including structural sump with integral twin balancer shafts.

The C3.6 meets EU Stage V, U.S. EPA Tier 4 Final, and Japan 2014 emission standards.

## Specifications

Power Rating		
Minimum Power	55 kW	74 hp
Maximum Power	100 kW	134 hp
Rated Speed	2000-2400 rpm	
Maximum Torque	530 N•m (391 lb-ft) @ 1500 rpm	

Emission Standards	
Emissions	U.S. EPA Tier 4 Final EU Stage V Japan 2014.

Engine Specifications		
Engine Configuration	In-Line 4, 4-Stroke-Cycle Diesel	
Bore	98 mm	3.9 in
Stroke	120 mm	4.7 in
Displacement	3.6 L	220.9 in <sup>3</sup>
Aspiration	Turbocharged-Aftercooled (TA)	
Compression Ratio	17:1	
Combustion System	Direct Injection	
Rotation (from flywheel end)	Counterclockwise	
Cooling System Capacity	6.5 L	6.86 qts

Engine Dimensions (Approximate. Final dimensions dependent on selected options.)		
Length (rear of flywheel housing to front of fan pulley)	681 mm	26.8 in
Width	564 mm	22.2 in
Height	855 mm	33.7 in
Dry Weight (basic operating engine without optional attachments)	450 kg	992 lb

## **Benefits & Features**

### **Emissions**

- U.S. EPA Tier 4 Final
- EU Stage V
- Japan 2014

### **Reliable, Quiet, and Durable Power**

World-class manufacturing capability and processes coupled with proven technologies and extensive field validation assure reliability and durability in tough nonroad applications.

### **High Performance**

Leading edge fuel systems and turbocharging provide high torque even at lower engine speeds.

### **Fuel Efficiency**

Fuel consumption optimized to match the measured operating cycles of agricultural tractors.

### **Fuel & Oil**

U.S. EPA Tier 4 Final and EU Stage V engines require Ultra Low Sulfur Diesel (ULSD) fuel containing a maximum of 10 ppm sulfur (EU) or 15 ppm sulfur (U.S.), and new oil formulations to support the new technology. Your Cat dealer can provide more information regarding fuel and oil.

### **Broad Application Range**

Industry-leading range of factory configurable ratings and options to enable a solution for your machine.

### **Low Cost Maintenance**

Worldwide service delivers ease of maintenance and simplifies the servicing routine. Capable of optimal oil change intervals of 500 hours. The S•O•S<sup>SM</sup> program is available from your Cat dealer to determine oil change intervals and provide optimal performance.

### **Quality**

Every Cat engine is manufactured to stringent quality standards in order to assure customer satisfaction.

### **World-class Product Support Offered Through Global Cat Dealer Network**

- Scheduled maintenance, including S•O•S sample
- Customer Value Agreements (CVA)
- Extended Service Coverage (ESC)
- Superior dealer service network
- Extended dealer service network through the Cat Industrial Service Distributor (ISD) program

### **U.S. EPA Tier 4 Final, Proposed EU Stage V Aftertreatment Features**

**Technology** – The DOC, DPF, and SCR technology provides customers with a solution which meets the emissions standards while providing optimal fuel consumption and transient response. For power ratings below 56 bkW (75 bhp), the SCR is not required.

**Mounting** – On-engine aftertreatment offered for best value and simplest OEM design and manufacturing processes. Remote mount alternatives are also available.

## Standard Equipment

### Control System

- Starter motor (12V)
- Alternator (12V)
- Electronic Control Unit (chassis mounted)
- Engine control sensors and robust wiring harness
- Data interface via CANbus SAE J1939

### Flywheels and Flywheel Housing

- Agricultural back plate for transmission mounting
- Choice of flywheel to match industry common transmissions
- Side PTO with SAE A or SAE B interface

### Fuel System

- Fuel filter – chassis mounted
- With water sensor

### Lube System

- Lubricating oil filters
- High incline oil pan – 25° continuous in all directions

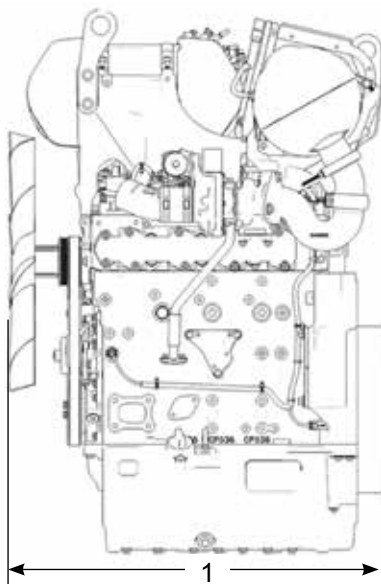
### General

- Cold start capability to -25°C (-13°F) with standard equipment
- Paint: Caterpillar Yellow, with optional colors available at request

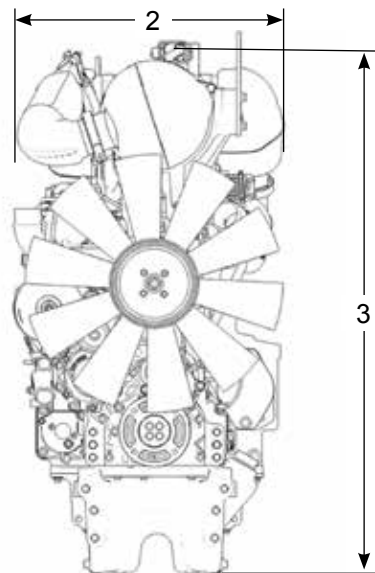
### Aftertreatment

- Diesel Oxidation Catalyst (DOC) and Diesel Particulate Filter (DPF)
- Selective Catalytic Reduction (SCR) (not required <56kW)

## Dimensions



(1) Length  
681.0 mm (26.8 in)



(2) Width  
564.0 mm (22.2 in)

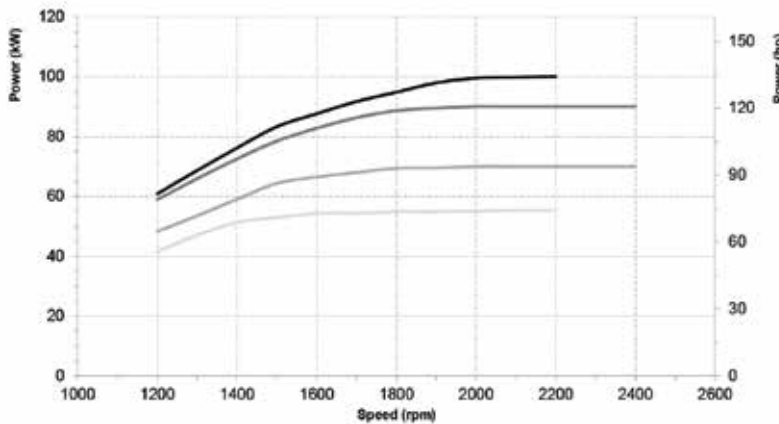
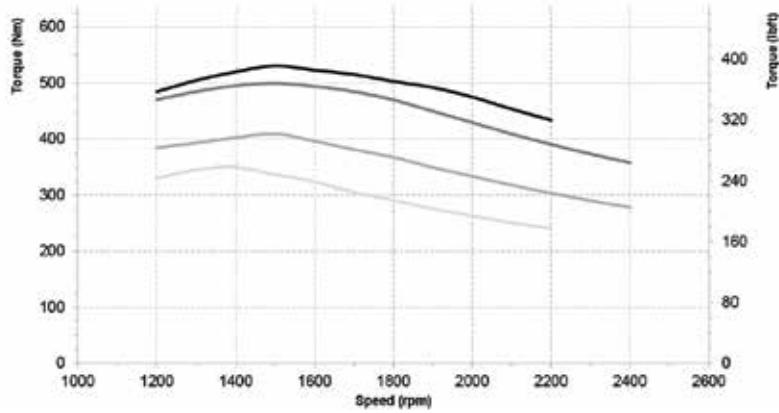
(3) Height  
855.0 mm (33.7 in)

**Note:** Final dimensions dependent on selected options

## Performance Data

Series Turbocharged-Aftercooled (TA)

55-100 kW/74-134 hp



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