

**CASE**  
CONSTRUCTION

# ALPHA SERIES

SKID STEER LOADERS

SR130 | SR160 | SR175 | SV185 | SR210 | SR220 | SV250 | SR250 | SV300

COMPACT TRACK LOADERS

TR270 | TR320 | TV380




# ALPHA IS KING.

Between some of the best breakout forces in the industry and one of the widest cabs available, plus innovations like EZ-EH hardware and software, push-button Ride Control™, and models with maintenance-free Tier 4 technology, CASE Alpha Series Loaders® are designed to dominate. Skid steer loaders and compact track loaders built to be fast, fuel-efficient and powerful enough to conquer just about any job – meet the Alpha Series.



 PowerStance

 Top-Ranking Breakout Force

 One of the Widest Cabs Available

 Maintenance-Free Tier 4 Technology\*

\*SR175, SV185, SR210 and TR270

## Skid Steer Loader Models Available



## Compact Track Loader Models Available



★ Ride Control™

★ High-Powered Versatility

# THE METHOD BEHIND THE MACHINE.

## LOW-TO-NO-MAINTENANCE TIER 4 TECHNOLOGY

While all Alpha Series models use a simple, low-cost CEGR (Cooled Exhaust Gas Recirculation) setup, the heart of our lineup\* incorporates a convenient maintenance-free solution to meet Tier 4 Final emissions standards. Lucky for you, this means . . . nothing. It's compliance that requires no extra work. No extra fluid. No filters to replace. Just get in and go.

\*Maintenance-free Tier 4 Final solution available on SR175, SV185, SR210 and TR270



## GET MORE DONE WITH RIDE CONTROL™

We created it. We've perfected it. Experience Ride Control – push-button shock absorption that reduces loader arm bounce at elevated speeds for greater material retention. This optional feature will help you get more moved, more quickly.



## GREASELESS BUCKET TILT CYLINDER

Gone are the days of grease-smearred clothing when getting in or out of the cab, thanks to a greaseless, self-contained bucket tilt cylinder. Exclusive to CASE, this aggressive mounting style improves breakout force and provides twice the wear of previous methods. Plus, you never have to touch it again.



## LOWER LOADER STOPS FOR GREATER GRADING

A CASE innovation, all Alpha Series loaders offer a low loader frame support that helps to properly transfer the load to where it belongs – the chassis. Plus, interchangeable spacer “pucks” allow for arm-height adjustment to accommodate various tire diameters and attachment height requirements.



## THE BEST DEPARTURE ANGLE HAS ARRIVED

Charge into and out of the pile more aggressively, thanks to the greater clearance of our industry-leading departure angle.



### **POWERSTANCE FOR STEADY STRENGTH**

A lengthened wheelbase of up to 21% adds greater stability you can feel. The improved weight distribution enables you to lift larger loads and greatly reduces control-jerking, back-jolting, load-spilling bounce when hauling. Clear curbs easier, retain more material and enjoy a faster, more comfortable ride.



**BEST-IN-CLASS VISIBILITY**

Cab-forward design with skylight provides better sight lines to the tires or tracks, bucket edge, curb lines and of full dump.

# EXPECT MORE.



Alternate between control patterns at the flick of a switch.

## EFFORTLESS EZ-EH CONTROLS

The Alpha Series now offers EZ-EH (electro-hydraulic) controls and software. Operators can quickly change between nine presets for speed and control customization. There's also a more intuitive lockout menu and a rocker switch to easily alternate between CASE "H" and "ISO" patterns.



The industry's thinnest side screens.

## MORE SPACE. MORE COMFORT. MORE DONE.

From our smallest model to our largest, all Alpha Series loaders offer a roomy ROPS/FOPS-certified cab with a spacious width of nearly three feet. It's fully sealed and pressurized to reduce noise, dust and fumes to keep out the bad and offers an optional radio and upgraded climate control system to keep in the good.

## BEST-IN-CLASS, 360° VISIBILITY

A job well done often depends on what you can see. With the most glass in the industry, the thinnest side screens available, exclusive standard side lighting and three-piece side windows that can be removed in seconds, operators have better sight lines to the tires, bucket edge, curb lines, of full dump and even to the rear when backing up.



Industry-exclusive standard side lighting and optional heavy-duty lights.

## EASY IN, EASY OUT

Machine entry and exit can be difficult for some operators. That's why the Alpha Series was designed with a lower threshold and higher head clearance. It makes getting in and out easier for operators of any size from clock-in to clock-out.

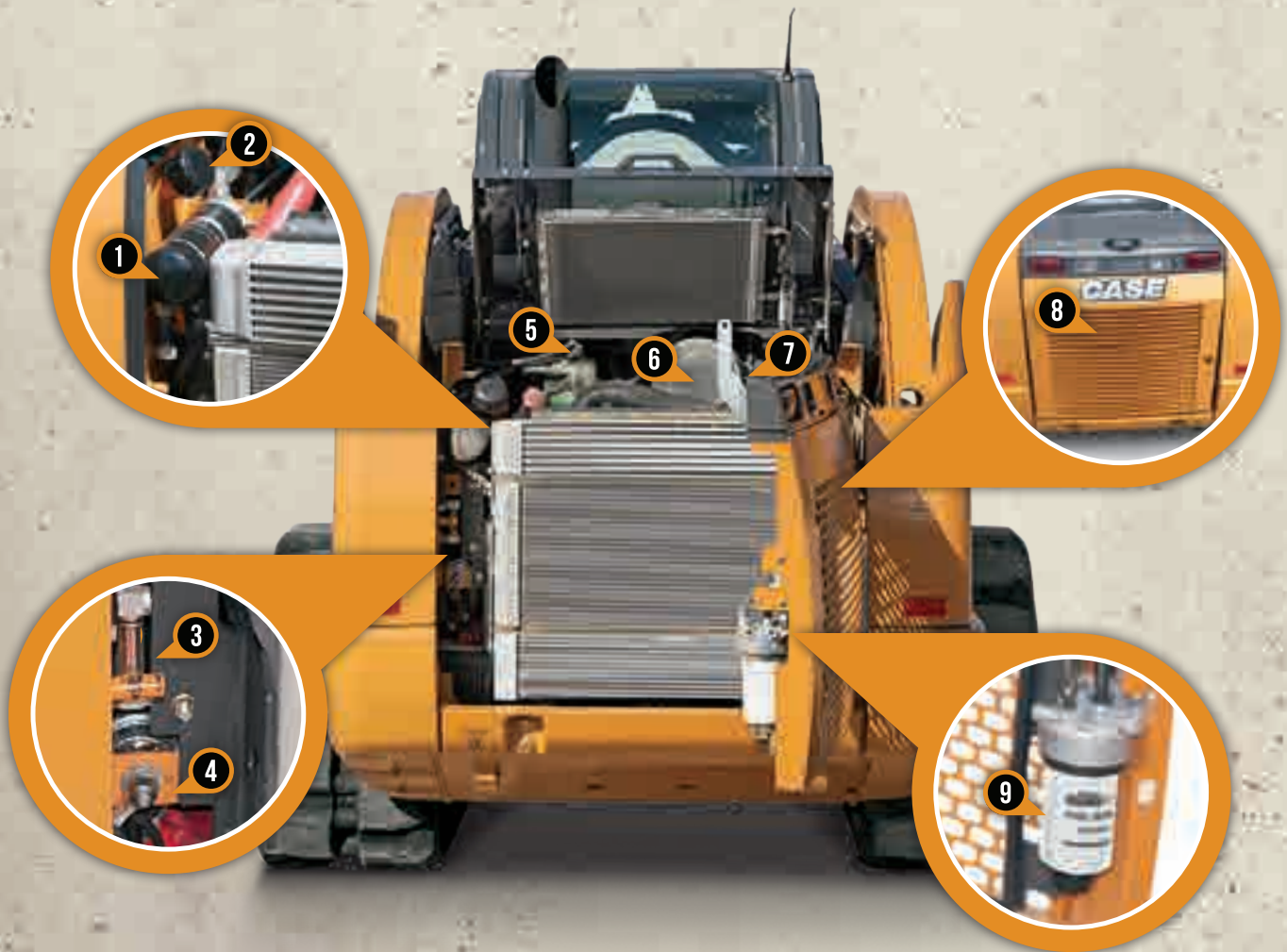


Easy-access cab.

# MAINTENANCE MADE EASY.

## SERVICEABILITY IS IN OUR DNA

When you invest in CASE equipment, you need it to last. We make it simple. The Alpha Series is no exception. With swing-out doors, a single, easily removable side panel and our famous easy-tilt cab, you can do daily maintenance in a matter of minutes. It's the easiest way to help you get the most performance and longest life out of your machine.



### EASY ACCESS TO EVERYTHING

- |                             |                                  |  |                       |
|-----------------------------|----------------------------------|--|-----------------------|
| 1. Hydraulic filter         | 5. Coolant fill                  | 9. Door-mounted fuel filter            | 12. Remote oil drain  |
| 2. Hydraulic fill           | 6. Air filter                    | 10. Easy-tilt cab access to powertrain | 13. Battery           |
| 3. Hydraulic site gauge     | 7. Engine oil fill               | 11. Hydraulic pressure release valve   | 14. Engine oil filter |
| 4. Master disconnect switch | 8. Optional heavy-duty rear door |  | 15. Hydraulic drain   |



SEE A 360° VIEW



CaseCE.com/360



#### MAINTENANCE-FREE FEATURES

- Tier 4 Final solution (SR175, SV185, SR210 and TR270)
- Steel hydraulic tank
- Greaseless bucket tilt cylinder
- Pre-wired electrical port with switch
- Sealed triple-flange rollers and double-flange idlers (compact track loaders)

#### NO TOOLS NEEDED

The Alpha Series SSL/CTLs continue the CASE hallmark of simple serviceability with features like tool-free access to the oil cooler, radiator, other routine maintenance points and auxiliary hydraulic Connect Under Pressure (CUP) manifolds.

**EXTREME-WEATHER-READY**

From Alaska to Arizona, optional upgrades are available to equip Alpha Series loaders for extreme-weather work. Talk to your dealer for details.





### **SUPPORT COMES STANDARD**

#### **Base & Extended Warranty Coverage\***

#### **1-Year/Unlimited-Hour Full-Coverage Base Limited Warranty**

\*Please see your CASE dealer for limitations, exclusions and confirmation of policies in effect.

#### **2-Year/2,000-Hour Extended Warranty At No Charge**

Engine Warranty - Warrants all internal, lubricated parts that are captured between the valve cover and oil pan, cylinder block and head, exhaust manifold, front cover and flywheel housing, turbocharger, engine oil cooler, and water pump.

#### **Breakdown Assistance**

Standard on all CASE equipment.

### **STRONGER PRODUCT SUPPORT SOLUTIONS**

Your CASE dealer knows best how you can maximize your equipment investment and uptime, with genuine CASE parts, expert service and a complete range of product support solutions – including CASE remanufactured and all-makes parts. CASE supports better parts availability and faster deliveries, through nine parts distribution centers in North America and a forecasting system to ensure that the right parts will be there when you need them. And only CASE dealers have exclusive access to the Electronic Service Tool that quickly pinpoints machine issues to help maximize uptime.





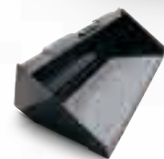
# ATTACHED TO STRENGTH.

## INTEGRATED HYDRAULIC QUICK-COUPLER

No need to fight the elements. Quickly switch out attachments from the comfort of the cab, thanks to an integrated hydraulic quick-coupler. Its unique design is factory-built into the machines, so it doesn't alter the physics or breakout force. You get the same industry-leading power and some added convenience.

## ATTACHMENTS GALORE

In addition to the selection of more than 250 buckets, forks, brooms, hydraulic hammers, snow accessories, bale spears and other CASE attachments available, Alpha Series loaders are compatible with CASE compact wheel loader attachments. CASE also has partnerships with numerous attachment manufacturers for even greater versatility. Consult your dealer for details.



Low-Profile Extended Lip Bucket



Dirt and Foundry Bucket



Low-Profile Bucket



4-in-1 Bucket



Tree Spade



Manure/Slurry Bucket



Light-Material Bucket



Bale Spear



Dozer Blade



Snow Bucket



Cold Planer



Rock Saw



Forks



Rock Bucket



Concrete Claw



Manure Scraper



Snow Push



Angle Broom



Manure Grapple



Root Rake



Concrete Bucket



Compactor



Pickup Broom



Brush Grapple



Grader Rake



Side Discharge Bucket



Bale Handler



Auger



Tiller



Brush Cutter



Trencher



Snow Blower

# HYDRAULICS SIMPLIFIED.

## TOOL-FREE, QUICK SWITCHING

New with the Alpha Series, CASE provides Connect Under Pressure (CUP) manifolds, which allow for fast, easy, tool-free connecting and disconnecting of hydraulic lines.



## AUXILIARY OPTIONS

Choose from three different auxiliary hydraulic packages: standard, high-flow or enhanced high-flow\* (high-pressure-high-flow), which puts up to 4,000 psi at your disposal for heavy-duty applications such as cold planing, shredding and mulching. CASE also offers auxiliary hydraulics for applications requiring multiple hydraulic movements.

\*Enhanced high-flow available on SR250, SV300, TR320 and TV380





# DOZER-STYLE UNDERCARRIAGE.

Alpha Series compact track loaders feature a dozer-style undercarriage that's engineered to hold fast on steep slopes and take command of muddy or sandy terrain. A rigid-track frame offers fewer moving parts for maximum durability and simplified maintenance over suspension-track systems.

## Heavy-duty drive motor/final drive

Increases component life by using an oversized bearing in line with the drive sprocket and elevating the drive assembly, keeping it out of material.

## Simple hydraulic track adjustment

Track tension is important to undercarriage and track life. The Alpha Series makes adjustment easy – just add or remove grease to a hydraulic cylinder.

## Lifetime-sealed and oil-lubricated rollers and idlers

Duo-cone face seals utilize proven dozer oil-lubrication technology that provides greater reliability and lower maintenance costs. The seals reduce the possibility of material and moisture getting into the rollers and idlers.

## Triple-flange rollers

Helps prevent de-tracking on inclines by using dozer-style rollers with a larger, inner-diameter flange positioned between the track lugs.





# THE ALPHA SERIES SKID STEER LOADERS



SPECIFICATIONS	SR130	SR160	SR175	SV185	SR210	SR220	SV250	SR250	SV300
<b>Lift configuration</b>	Radial	Radial	Radial	Vertical	Radial	Radial	Vertical	Radial	Vertical
<b>Engine</b>	ISM N844L-F	ISM N844LT-F	ISM N844LTA-DI-F-50	ISM N844LTA-DI-F-45	FPT F5HFL463A	FPT F5HFL413H	FPT F5HFL413H	FPT F5HFL413L	FPT F5HFL413L
<b>Gross hp (kW)</b>	48.8 (36.4) @ 2800 RPM	60 (44.7) @ 2800 RPM	67 (50) @ 2800 RPM	60 (44.7) @ 2800 RPM	74 (55) @ 2500 RPM	82 (61) @ 2500 RPM	82 (61) @ 2500 RPM	90 (67) @ 2500 RPM	90 (67) @ 2500 RPM
<b>Net hp (kW)</b>	46 (34) @ 2800 RPM	57 (42) @ 2800 RPM	64 (48) @ 2800 RPM	57 (42) @ 2800 RPM	68 (51) @ 2500 RPM	76 (57) @ 2500 RPM	76 (57) @ 2500 RPM	84 (63) @ 2500 RPM	84 (63) @ 2500 RPM
<b>Peak torque – lb.-ft. (N-m)</b>	106 (143) @ 1800 RPM	139 (188) @ 1800 RPM	153 (208) @ 1800 RPM	135 (183) @ 1800 RPM	232 (314) @ 1400 RPM	257 (349) @ 1400 RPM	257 (349) @ 1400 RPM	282 (383) @ 1400 RPM	282 (383) @ 1400 RPM
<b>Displacement – in.<sup>3</sup> (L)</b>	135.2 (2.2)	135.2 (2.2)	135.2 (2.2)	135.2 (2.2)	207.0 (3.4)	207.0 (3.4)	207.0 (3.4)	207.0 (3.4)	207.0 (3.4)
<b>Emissions certification*</b>	Tier 4 Final (CEGR/DPF)	Tier 4 Final (CEGR/DPF)	Tier 4 Final (DOC + CAC)	Tier 4 Final (DOC + CAC)	Tier 4 Final (PM Catalyst)	Tier 4 Interim (DPF + CAC)	Tier 4 Interim (DPF + CAC)	Tier 4 Interim (DPF + CAC)	Tier 4 Interim (DPF + CAC)
<b>Rated operating capacity * ROC 50% – lb. (kg)</b>	1,300 (590)	1,600 (726)	1,750 (790)	1,850 (840)	2,100 (953)	2,200 (1 000)	2,500 (1 135)	2,500 (1 135)	3,000 (1 361)
<b>Tipping load – lb. (kg)</b>	2,600 (1 179)	3,200 (1 455)	3,500 (1 588)	3,700 (1 678)	4,200 (1 905)	4,400 (2 000)	5,000 (2 270)	5,000 (2 270)	6,000 (2 727)
<b>Bucket breakout force – lb. (kN)</b>	4,180 (18.6)	5,270 (23.4)	7,270 (32.3)	5,550 (24.7)	7,270 (32.3)	8,700 (38.7)	7,570 (33.7)	8,700 (38.7)	7,570 (33.7)
<b>Standard aux. hydraulics – gpm (L/min)</b>	17.5 (66.2)	18.4 (69.7)	20.6 (78.0)	20.6 (78.0)	24.2 (91.5)	24.2 (91.5)	24.2 (91.5)	24.2 (91.5)	24.2 (91.5)
<b>High-flow aux. hydraulics – gpm (L/min)</b>	—	—	30.7 (116.2)	30.7 (116.2)	33.2 (125.7)	37.6 (142.5)	37.6 (142.5)	37.6 (142.5)	37.6 (142.5)
<b>Operating weight – lb. (kg)</b>	5,070 (2 300)	5,510 (2 430)	6,270 (2 842)	6,570 (2 980)	6,970 (3 160)	7,400 (3 350)	8,000 (3 630)	7,700 (3 490)	8,300 (3 765)
<b>DIMENSIONS</b>									
<b>Height to bucket hinge pin</b>	112.0 in. (2.85 m)	112.0 in. (2.85 m)	122.0 in. (3.10 m)	120.0 in. (3.05 m)	123.0 in. (3.12 m)	125.1 in. (3.18 m)	130.0 in. (3.30 m)	125.1 in. (3.18 m)	130.0 in. (3.30 m)
<b>Dump height with low – profile bucket***</b>	84.8 in. (2.15 m) @ 40°	84.8 in. (2.15 m) @ 40°	94.6 in. (2.40 m) @ 40°	90.7 in. (2.31 m) @ 45°	95.6 in. (2.43 m) @ 40°	98.3 in. (2.50 m) @ 38°	100.6 in. (2.56 m) @ 45°	98.3 in. (2.50 m) @ 38°	100.6 in. (2.56 m) @ 45°
<b>Height to top of ROPS</b>	75.5 in. (1.92 m)	75.5 in. (1.92 m)	77.7 in. (1.97 m)	77.7 in. (1.97 m)	78.7 in. (2.00 m)	78.8 in. (2.00 m)	78.8 in. (2.00 m)	78.8 in. (2.00 m)	78.8 in. (2.00 m)
<b>Overall length with low – profile bucket</b>	125.0 in. (3.18 m)	125.0 in. (3.18 m)	134.3 in. (3.41 m)	135.8 in. (3.45 m)	133.7 in. (3.40 m)	146.2 in. (3.71 m)	146.0 in. (3.71 m)	146.2 in. (3.71 m)	146.0 in. (3.71 m)
<b>Over-the-tire width with spec tires</b>	59.0 in. (1.50 m)	59.0 in. (1.50 m)	64.0 in. (1.63 m)	64.0 in. (1.63 m)	70.0 in. (1.78 m)	70.0 in. (1.78 m)	70.0 in. (1.78 m)	70.0 in. (1.78 m)	70.0 in. (1.78 m)

NOTE: \*CAC = Charged Air Cooler; CEGR = Cooled Exhaust Gas Recirculation; DOC = Diesel Oxidation Catalyst; DPF = Diesel Particulate Filter; PM Catalyst = Particulate Matter Catalyst, made up of DOC and high-efficiency, flow-through filter.

\*\*\*Bucket angle rounded to the nearest degree.

# THE ALPHA SERIES COMPACT TRACK LOADERS



SPECIFICATIONS	TR270	TR320	TV380
Lift configuration	Radial	Radial	Vertical
Engine	FPT F5HFL463A	FPT F5HFL413L	FPT F5HFL413L
Gross hp (kW)	74 (55) @ 2500 RPM	90 (67) @ 2500 RPM	90 (67) @ 2500 RPM
Net hp (kW)	68 (51) @ 2500 RPM	84 (63) @ 2500 RPM	84 (63) @ 2500 RPM
Peak torque – lb.-ft. (N-m)	232 (314) @ 1400 RPM	282 (383) @ 1400 RPM	282 (383) @ 1400 RPM
Displacement – in. <sup>3</sup> (L)	207 (3.4)	207 (3.4)	207 (3.4)
Emissions certification*	Tier 4 Final (PM Catalyst)	Tier 4 Interim (DPF + CAC)	Tier 4 Interim (DPF + CAC)
Rated operating capacity – ROC 35% – lb. (kg)	1,890 (860)	2,240 (1 018)	2,660 (1 209)
Rated operating capacity – ROC 50% – lb. (kg)	2,700 (1 225)	3,200 (1 451)	3,800 (1 723)
Tipping load – lb. (kg)	5,400 (2 449)	6,400 (2 902)	7,600 (3 447)
Bucket breakout force – lb. (kN)	7,270 (32.3)	8,700 (38.7)	7,510 (33.4)
Standard aux. hydraulics – gpm (L/min)	24.2 (91.5)	24.2 (91.5)	24.2 (91.5)
High-flow aux. hydraulics – gpm (L/min)	32.4 (122.6)	37.6 (142.5)	37.6 (142.5)
Operating weight – lb. (kg)	8,270 (3 750)	9,600 (4 355)	10,200 (4 625)
<b>DIMENSIONS</b>			
Height to bucket hinge pin	123.0 in. (3.12 m)	126.5 in. (3.22 m)	131.6 in. (3.34 m)
Dump height with foundry/ excavating bucket	98.2 in. (2.50 m) @ 40°	102.4 in. (2.60 m) @ 38°	105.1 in. (2.67 m) @ 45°
Height to top of ROPS	78.7 in. (2.00 m)	80.4 in. (2.04 m)	80.4 in. (2.04 m)
Overall length with foundry/ excavating bucket	129.6 in. (3.29 m)	142.2 in. (3.61 m)	141.9 in. (3.60 m)
Over-the-track width	65.9 in. (1.68 m)	76.0 in. (1.93 m)	76.0 in. (1.93 m)

NOTE: \*CAC = Charged Air Cooler; DOC = Diesel Oxidation Catalyst; DPF = Diesel Particulate Filter; PM Catalyst = Particulate Matter Catalyst, made up of DOC and high-efficiency, flow-through filter.



## BUILDING A STRONG CASE

Already in high gear with the arrival of founder J.I. Case's portable steam engine in 1869, we found ourselves at the heart of the road construction boom of the early 1900s. The path was set. Today, CASE is a game changer in construction equipment, financing, parts and service.

Revolutionary is nothing new to CASE, as innovations like the integrated loader/backhoe (1957), Ride Control™, over-center boom design and ProCare have shown. It's this ingenuity and spirit that fuels our ongoing pursuit of building industry-leading performance and productivity into every machine throughout our full line of light to heavy equipment.

All of this is backed by a portfolio of more than 10,000 OEM, REMAN and Gold Value parts, more than 350 North American dealer locations, and unmatched financial and insurance services that ensure the best support is always within reach. When all is said and done, our strength is only as solid as the machines we engineer, the support and service we give, and most importantly, the vote of confidence CASE customers have with every bit of it.



Specialized finance programs and flexible leasing packages put you in the driver's seat of industry-leading CASE equipment, while no-nonsense warranties and comprehensive protection plans ensure that your equipment is protected. As the only finance company dedicated to CASE, we offer strong products and services designed around your unique needs and are the only ones supported by the helpful service professionals at your CASE dealer.

To learn more about CASE or for attentive customer service, visit your nearest dealer, call 1-866-54-CASE6 or visit us online at [CaseCE.com](http://CaseCE.com).





## CaseCE.com



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Replaces Form No. CCE201401SSL/CTL



**SAFETY™  
NEVER HURTS** Always read the Operator's Manual before operating any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs and use any safety features provided.

NOTE: All engines meet current EPA emissions regulations.  
NOTE: All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.



Contains 10%  
post-consumer fiber

IMPORTANT: CASE Construction Equipment Inc. reserves the right to change these specifications without notice and without incurring any obligation relating to such change. Availability of some models and equipment builds vary according to the country in which the equipment is used. The illustrations and text may include optional equipment and accessories and may not include all standard equipment. Your CASE dealer/distributor will be able to give you details of the products and their specifications available in your area.



CASE Construction Equipment  
is biodiesel-friendly.