

CASE
CONSTRUCTION

Skid Steer Loaders

ALPHA SERIES



RADIAL

SR160
SR175

SR210
SR240

SR270

VERTICAL

SV185
SV280

SV340

SINCE 1842



SR160



SR175



SV185



SR210



SR240



SR270



SV280



SV340

Digging, loading, pushing or grading.

Productivity takes more than power. CASE Alpha Series skid steer loaders are engineered inside and out with performance in mind. Operators benefit from intuitive controls, excellent all-around visibility and plenty of room to work. Commanding strength, reach and hydraulic flow tackle more tasks in less time, and simple serviceability makes it easy to get the most out of your machine.

- + Powerful breakout force and auxiliary hydraulics
- + Industry-leading visibility
- + Spacious, easy-entry operator environment
- + EZ-EH speed and control customization
- + Maintenance-free Tier 4 Final solutions
- + Easy attachment versatility



PURPOSE-BUILT PERFORMANCE

OPERATING CAPACITIES FOR REAL-WORLD WORK

CASE skid steer loaders are engineered to deliver rated operating capacities (ROC) that match the type of applications they operate in. Small-frame skids have the strength you need in a more compact size, mid-range models combine power and versatility to tackle most tasks, and our large-frame loaders are built for heavy-duty lifting with operating capacities up to 3,400 lb.

BEST-IN-CLASS BREAKOUT FORCE

Our lineup delivers some of the best bucket breakout force out there. When prying or scooping, we know this is where muscle matters — and with CASE, you can be confident you have the power you need.

AUXILIARY HYDRAULIC PACKAGES

Need a little extra power with your skid steer? The Alpha Series puts up to 4,000 psi (at 35 gpm) at your disposal to run demanding attachments longer. Auxiliary hydraulic packages include standard, high-flow and enhanced high-flow, with secondary auxiliary hydraulics available for attachments requiring multiple movements simultaneously.



INDUSTRY-LEADING VISIBILITY

Excellent forward sightlines, low threshold, ultra-narrow side screens, reinforced skylight, cab-wide rearview mirror, large rear window and standard 360° lighting package give operators excellent views of the bucket or attachment, over the tires and all around the machine, day or night.



TIER 4 DONE RIGHT, MADE EASY

One solution does not fit all. CASE carefully considered each machine's application, life expectancy, maintenance needs and operators. That's why every CASE skid steer loader features a proven Tier 4 Final solution tailored for that model. The result? Compliance without compromise or complexity.

CASE Tier 4-certified equipment is easier to maintain and, unlike competitive models, won't require you to master additional maintenance procedures. In fact, most CASE machines have maintenance-free emission solutions, so you can stay focused on your work — not maintaining your machine.

CASE Tier 4 Final Solutions in Simple Language

CEGR

What it means: Cooled Exhaust Gas Recirculation. For Tier 4 Final, it works with a combination of the after-treatment technologies listed below.

What it means to you: As an in-engine system, CEGR requires no operator maintenance or management. CEGR is included in all CASE skid steer loader models.

DOC

What it means: Diesel Oxidation Catalyst. The DOC oxidizes the machine's exhaust to create heat and manage emissions.

What it means to you: DOC is a maintenance-free solution — no fluids to add and no filter to replace.

DPF

What it means: Diesel Particulate Filter. The DPF captures particulate matter and burns off the captured particulate matter through a combustion process known as "regeneration." DPF is a less expensive solution, which helps keep the unit price down and why CASE chose this solution only in our smaller, price-sensitive units.

What it means to you: This solution allows customers the option of equipment with lower upfront costs. Some regeneration results in excess fuel burn and the DPF requires long-term maintenance and filter replacement costs.

SCR

What it means: Selective Catalytic Reduction. It's a simple after-treatment solution that combines DEF (Diesel Exhaust Fluid) with exhaust to convert emissions into nitrogen and water. DEF, also commonly referred to as urea, is a non-toxic liquid that reacts with engine exhaust in the presence of a catalyst to perform the emissions conversion.

What it means to you: Because SCR is an after-treatment system, it lowers exhaust temperatures and does not require unproductive fuel use associated with burning off particulate matter — great for larger engines. This offers a significant reduction in fuel use and has no DPF to replace. Keeping it running is simple: just top off your DEF when refueling. Fuel savings, lower maintenance costs and greater productivity will help lower total operating costs for the life of the machine.

*We made it simple.
The right solution
for the right machine
for the task.*

	SR160	SR175	SV185	SR210	SR240	SR270	SV280	SV340
Gross HP	60	67	60	74	74	90	74	90
Maintenance-Free Emissions Systems		✓	✓	✓	✓		✓	
Minimal DEF Required						✓		✓
No DPF to Replace		✓	✓	✓	✓	✓	✓	✓
Increased Fuel Efficiency		✓	✓	✓	✓	✓	✓	✓
Tier 4 Final Solution	CEGR DOC DPF	CEGR DOC	CEGR DOC	CEGR DOC	CEGR DOC	CEGR SCR	CEGR DOC	CEGR SCR



EASY TO ENTER, HARD TO BEAT





MORE SPACE, MORE COMFORT

Every operator deserves to be comfortable. At nearly three feet wide, CASE loaders have one of the roomiest ROPS/FOPS-certified cabs in the industry, with a low, easy-entry threshold. Enclosed cabs are fully sealed and pressurized to reduce noise and dust, and offer a radio, climate control system and heated seat option.

LOWER LOADER STOPS FOR GREATER GRADING

The load belongs on the chassis. A CASE innovation, all CASE loaders offer a low loader frame support to help 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.

STANDARD 360° LIGHTING

Seeing what's to the left, to the right, behind you, and what's straight ahead – that's smart operation. All Alpha Series skid steers come standard with heavy-duty front and side lights, and rear floodlights so operators can maneuver quicker and more confidently, day or night.

POWERSTANCE FOR STEADY STRENGTH

A long, broad wheelbase gives you stability you can feel. This improves weight distribution, enables you to lift larger loads and reduces back-jolting, load-spilling bounce when hauling so you can retain more material and experience a faster, more comfortable ride.

QUICK, TOOL-FREE SWITCHING

Switch loader attachments without the added hassle of getting out of your cab. Standard Connect Under Pressure (CUP) manifolds facilitate fast, easy and tool-free connecting and disconnecting of hydraulic lines by releasing pressure into the standard case drain.

EFFORTLESS EZ-EH CONTROLS

Operate the machine the way you like through the simple touch of a button on our EZ-EH controls. Quickly switch between personalized settings for speed and control customization; program up to nine different presets to recall operator settings for different jobs and different operators at the touch of a button. There's also an intuitive lockout menu and rocker switch to easily alternate between CASE “H” and “ISO” patterns.

MATCH THE LIFT TO THE TASK

The Alpha Series includes radial-lift and vertical-lift models. The benefits depend on your application. That's why CASE offers both lift patterns in various sizes to make sure you have the right machine for the job.

VERTICAL LIFT



Vertical-lift machines are engineered for lift-and-carry and truck-loading jobs. The geometry of the dual arm allows the load to rise directly up, providing maximum reach at full height. Vertical-lift machines are ideal for reaching over the side of and into the middle of high-side trucks.

RADIAL LIFT



Radial-lift machines are engineered for digging, prying and pushing. The angle of the arm ties directly into the chassis for superior strength when digging and pushing. It also provides maximum reach at the operator's head height, making it perfect for loading and unloading pallets from trucks.



CASE

SV280

**RESIDENTIAL
CONSTRUCTION**

Working in close quarters? User-friendly EZ-EH controls can adjust sensitivity for precise maneuvering. Plus, our industry-leading visibility provides better lines of sight around, above and behind the machine. It all results in safer, more productive operation.

LANDSCAPING

With powerful breakout forces and hydraulic flow, incredible attachment versatility and any-season cab comfort, CASE skid steers are built to take on anything from landscape design and soil preparation to sod and tree installation, truck loading and transporting material pallets with ease.





AGRICULTURE

Move more bales. Check off more chores. With a full range of sizes, increased reach, over 250 attachments and livestock-safe emission solutions, CASE skid steers help producers and ranchers lift, load, carry and move more, all year long.

SNOW REMOVAL

All CASE skid steer loaders offer the same spacious, ROPS/FOPS-certified cab.

It's fully sealed and pressurized, features a climate control system and radio, and is available with a heated air-suspension seat to keep operators more comfortable regardless of the outside conditions.



MAXIMIZE YOUR BUSINESS OUTPUT

CASE skid steer loaders are compatible with more than 250 buckets, forks, brooms, augers, rakes, grapples, hydraulic hammers, snow accessories, bale spears and other CASE attachments, including CASE compact track loader and compact wheel loader attachments.

All models come standard with a universal coupler that will work with numerous attachment manufacturers, meaning you can do more with a single machine to give your business even greater versatility. Consult your dealer for details.



Laser Grading Box



Mulcher



Rotary Cutter



Concrete Claw



Dirt and Foundry Bucket



Side Discharge Bucket



4-in-1 Bucket



Low-Profile Bucket



Scrap Grapple



Root Rake



Dozer Blade



Pickup Broom



Cold Planer



Rock Saw



Auger



Trencher



Vibratory Roller



Bale Handler



Pallet Forks



Arctic® Sectional Sno-Pusher™

AUXILIARY HYDRAULIC PACKAGES AVAILABLE



Standard



High-Flow



Enhanced High-Flow



Secondary Auxiliary



Front Electric/
Multi-Function
(excl. SR160)

INTEGRATED HYDRAULIC QUICK COUPLER

Quickly switch attachments from the comfort of the cab



SEE OUR FULL LINE AT CASECE.COM/ATTACHMENTS

MAINTENANCE MADE EASY

NO TOOLS NECESSARY

CASE loaders continue the hallmark of simple serviceability with features like tool-free access to the oil cooler, radiator and other routine maintenance points.

LOW MAINTENANCE

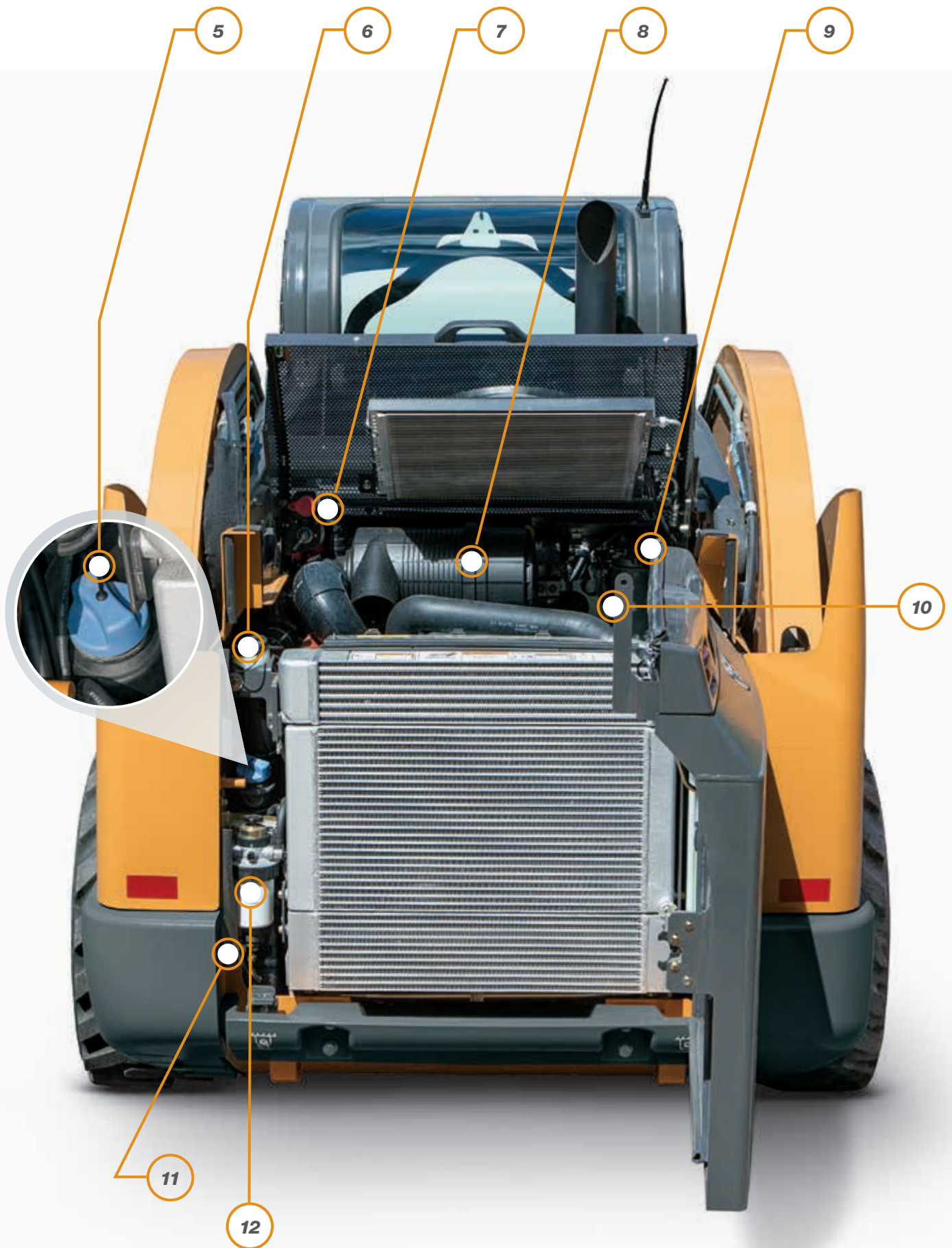
Maintenance is a breeze. Regular maintenance points are grouped into a single area under the engine compartment cover and door. With swing-out doors, a single, easily removable side panel and the removal of two nuts, the entire cab swings forward, out of the way, to open up the entire drivetrain compartment for easy repair and inspection.

Easy access to everything

- 1 Easy-tilt cab access to powertrain
- 2 Hydraulic pressure release valve
- 3 Battery
- 4 Engine oil filter
- 5 DEF tank*
- 6 Hydraulic fill
- 7 Master disconnect switch
- 8 Air filter
- 9 Hydraulic filter
- 10 Engine oil fill
- 11 Hydraulic site gauge
- 12 Fuel filter with WIF sensor

*DEF = Diesel Exhaust Fluid,
Only on 90 hp machines





SUPPORT COMES STANDARD

BASE & EXTENDED LIMITED WARRANTY COVERAGE*

1-YEAR/UNLIMITED-HOUR FULL-COVERAGE BASE LIMITED WARRANTY

2-YEAR/2,000-HOUR EXTENDED LIMITED ENGINE WARRANTY

Discuss the extended engine warranty coverage details with your dealer.

UPTIME SOLUTIONS

Your CASE dealer can provide solutions to meet all your needs and keep you productive.



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 (EST) that quickly pinpoints machine issues. Just ask your dealer for details.



FLEXIBLE FINANCIAL OPTIONS

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.

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





STANDARD AND OPTIONAL FEATURES

Standard ● Optional ○ Not Applicable —

OPERATOR ENVIRONMENT	SR160	SR175	SV185	SR210	SR240	SR270	SV280	SV340
Open Cab (No Heat or HVAC)	●	●	●	●	○	○	○	○
Open Cab Interior Trim Package	○	○	○	○	○	○	○	○
Enclosed Cab with Heater and AC	—	○	○	○	●	●	●	●
Enclosed Cab with Heat, Demolition Door	○	—	—	—	—	—	—	—
Enclosed Cab with HVAC, Demolition Door	—	○	○	○	○	○	○	○
Suspension Seat, Vinyl	●	●	●	●	○	○	○	○
Air Ride Suspension Seat	○	○	○	○	●	●	●	●
Three-Point Seat Belt, 2 in	●	●	●	●	●	●	●	●
Three-Point Seat Belt, 3 in	○	○	○	○	○	○	○	○
One-Speed Controls	●	○	○	○	○	—	—	—
Two-Speed Controls	—	●	●	●	●	●	●	●
Hand Controls	●	●	●	●	●	●	●	●
Hand and Foot Controls	○	○	○	○	○	○	○	○
EZ-EH Controls	○	○	○	○	○	○	○	○
CASE SiteWatch™ Telematics	○	○	○	○	○	○	○	○
FOPS Level-2 Modification	○	○	○	○	○	○	○	○
Rearview Mirror	●	●	●	●	●	●	●	●
HYDRAULICS	SR160	SR175	SV185	SR210	SR240	SR270	SV280	SV340
Standard Auxiliary Hydraulics	●	●	●	●	●	●	●	●
High-Flow Auxiliary Hydraulics	—	○	○	○	○	○	○	○
Enhanced High-Flow Auxiliary Hydraulics	—	—	—	—	—	○	—	○
Secondary Auxiliary Hydraulics	—	○	○	○	○	○	○	○
Manual Coupler	●	●	●	●	○	○	○	○
Hydraulic Coupler*	○	○	○	○	●	●	●	●
Front Electric/Multi-Function	—	●	●	●	●	●	●	●
LOADER	SR160	SR175	SV185	SR210	SR240	SR270	SV280	SV340
Ride Control™	○	○	○	○	○	○	○	○
One-Way Self Level	○	○	○	○	○	○	○	○
Single-Point Lift Hook	○	○	○	○	○	○	○	○
Four-Point Lift Hook	—	○	○	○	○	○	○	○
Cylinder Guard	—	○	○	○	○	○	○	○
Extra Counterweight	○	○	○	○	○	○	○	○

*Note: Hydraulic Coupler optional on SR160, SR175, SV185 and SR210 only. HD Hydraulic Coupler Standard on SR240, SR270, SV280 and SV340 only.

ENGINE	SR160	SR175	SV185	SR210	SR240	SR270	SV280	SV340
<i>Aspirator</i>	○	○	○	○	○	○	○	○
<i>Block Heater, 120V</i>	●	●	●	●	●	●	●	●
EXTERIOR	SR160	SR175	SV185	SR210	SR240	SR270	SV280	SV340
<i>Tires, 10x 16.5</i>	●	●	●	○	—	—	—	—
<i>Tires, 12x 16.5</i>	—	○	○	○	●	●	●	●
<i>Tires, 14x 17.5</i>	—	—	—	○	○	○	○	○
<i>Standard Rear Door</i>	●	●	●	—	—	—	—	—
<i>Heavy-Duty Rear Door</i>	—	—	—	●	●	●	●	●
<i>Beacon Light</i>	○	○	○	○	○	○	○	○
<i>Heavy-Duty Front Lights</i>	●	●	●	●	●	●	●	●
<i>Side Lamp</i>	●	●	●	●	●	●	●	●
<i>Four-Corner LED Strobe</i>	○	○	○	○	○	○	○	○
<i>Special Paint</i>	○	○	○	○	○	○	○	○
<i>Debris Seal Package</i>	●	●	●	●	●	●	●	●

SPECIFICATIONS AND DIMENSIONS

SPECIFICATIONS	SR160	SR175	SV185	SR210	SR240	SR270	SV280	SV340
Lift Configuration	Radial	Radial	Vertical	Radial	Radial	Radial	Vertical	Vertical
Engine	ISM N844LT-F	ISM N844LTA-DI-F-50	ISM N844LTA-DI-F-45	FPT F5H FL463 A*F001	FPT F5H FL463 A*F001	FPT F5B FL413 E*B002	FPT F5H FL463 A*F001	FPT F5B FL413 E*B002
Gross Horsepower—hp (kW)	60 (44.7)	67 (50)	60 (44.7)	74 (55)	74 (55)	90 (67)	74 (55)	90 (67)
Net Horsepower—hp (kW)	57 (42.2)	64 (47.7)	57 (42.4)	68 (51)	68 (51)	84 (63)	68 (51)	84 (63)
Peak Torque—lb ft (Nm)	139 (188)	153 (208)	135 (183)	232 (314)	232 (314)	282 (383)	232 (314)	282 (383)
Displacement/Cylinders—in³ (L)	135.2 (2.2) / 4	135.2 (2.2) / 4	135.2 (2.2) / 4	207.0 (3.4) / 4	207.0 (3.4) / 4	207.0 (3.4) / 4	207.0 (3.4) / 4	207.0 (3.4) / 4
Emissions Certification[†] Solutions	Tier 4 Final (CEGR, DOC, DPF)	Tier 4 Final (CEGR, DOC)	Tier 4 Final (CEGR, DOC)	Tier 4 Final (CEGR, DOC)	Tier 4 Final (CEGR, DOC)	Tier 4 Final (CEGR, SCR)	Tier 4 Final (CEGR, DOC)	Tier 4 Final (CEGR, SCR)
Rated Operating Capacity (ROC) 50%—lb (kg)	1,600 (726)	1,750 (790)	1,850 (840)	2,100 (955)	2,400 (1 088)	2,700 (1 225)	2,800 (1 270)	3,400 (1 545)
Tipping Load—lb (kg)	3,200 (1 455)	3,500 (1 588)	3,700 (1 678)	4,200 (1 905)	4,800 (2 177)	5,400 (2 450)	5,600 (2 540)	6,800 (3 090)
Bucket Cylinder Breakout Force—lb (kN)	5,270 (23.4)	7,270 (32.3)	5,550 (24.7)	7,270 (32.3)	8,680 (39.4)	8,677 (38.6)	8,776 (39.0)	9,531 (42.4)
Standard Auxiliary Hydraulics—gpm (L/min)	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)
High-Flow Auxiliary Hydraulics—gpm (L/min)	—	30.7 (116.2)	30.7 (116.2)	33.2 (125.7)	37.6 (142.5)	37.6 (142.5)	37.6 (142.5)	38.7 (146.5)
Operating Weight—lb (kg)	5,645 (2 560)	6,270 (2 842)	6,570 (2 980)	6,970 (3 160)	7,400 (3 350)	8,117 (3 681)	8,090 (3 670)	9,100 (4 136)
DIMENSIONS	SR160	SR175	SV185	SR210	SR240	SR270	SV280	SV340
Height to Bucket Hinge Pin	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)	125.1 in (3.18 m)	130.0 in (3.30 m)	130.0 in (3.30 m)
Dump Height with Low-Profile Bucket**	84.8 in (2.15 m)	94.6 in (2.4 m)	90.7 in (2.31 m)	95.6 in (2.43 m)	98.3 in (2.50 m)	98.3 in (2.50 m)	100.6 in (2.56 m)	100.6 in (2.56 m)
Height to Top of ROPS	75.5 in (1.92 m)	77.7 in (1.97 m)	77.7 in (1.97 m)	78.7 in (1.99 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)
Overall Length with Low-Profile Bucket	125 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)	141.5 in (3.75 m)	146 in (3.70 m)	148 in (3.71 m)
Over-the-Tire Width with Spec. Tires	59.8 in (1.52 m)	64.6 in (1.64 m)	64.6 in (1.64 m)	69.1 in (1.76 m)	69.6 in (1.77 m)	69.6 in (1.77 m)	69.6 in (1.77 m)	69.6 in (1.77 m)

*Note:

CEGR = Cooled Exhaust Gas Recirculation

DOC = Diesel Oxidation Catalyst

DPF = Diesel Particulate Filter

SCR = Selective Catalytic Reduction

**Bucket angle rounded to the nearest degree



ROADS AND BRIDGES

Every minute counts. Increase productivity with timesaving features like maintenance-free Tier 4 Final technology, easily accessible serviceability points and pressure-relieving auxiliary manifolds that make switching out hydraulic lines a snap.



BUILDING A STRONG CASE

Since 1842, we at CASE Construction Equipment have lived by an unwavering commitment to build practical, intuitive solutions that deliver both efficiency and productivity. We continually strive to make it easier for our customers to implement emerging technologies and new compliance mandates.

Today, our global scale combined with our local expertise enables us to keep customers' real-world challenges at the center of our product development. This focus has led to numerous innovations like Ride Control™, EZ-EH controls, blade shake, PowerLift™, over-center boom design and the peace of mind that only CASE ProCare provides.

Every CASE machine is backed by more than 300 North American dealer locations, thousands of OEM, remanufactured and all-makes parts, and flexible financing and insurance options that provide the kind of reliable, steadfast support you expect from a professional partner.

We are passionate about improving the lives of others, whether investing in our veterans or raising awareness about local infrastructure initiatives through Dire States. Our goal is to build both stronger machines — and stronger communities.

At the end of the day, we do what's right by our customers and our communities so that they can count on CASE.

CaseCE.com/SSL

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Form No. CCE201907SSL
Replaces Form No. CCE201611SSL

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

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



Always read the Operator's Manual before operating equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs and use any safety features provided.