

CASE

**C SERIES
WHEEL LOADERS**



C Series Engineered Tough

Case C Series wheel loaders give dependable performance a whole new dimension. Designed for lasting durability, these rugged machines withstand the demands of long days in harsh conditions. C Series wheel loaders deliver powerful performance and proven reliability, giving you an impressive return on your investment dollar.

These user-friendly wheel loaders can also help you get more done in a day. Operators will appreciate the exceptional visibility to the work area and tires, reduced-effort steering, smooth, efficient shifting, and overall comfort, allowing maximum productivity with minimum fatigue.

Case C Series wheel loaders are made to work hard, delivering massive power and versatility to handle your toughest tasks with ease. The C Series models deliver superior breakout force, maximum traction and lift capacity, along with a wide selection of attachments for high-production work in almost every job. A wide range of models are available to meet your specific application needs.

Visit your Case dealer today to learn more about the C Series wheel loader that's right for your business.



621C
Net Horsepower
130 (97 kW)
Tipping Load
20,696 lb (9388 kg)



721C
Net Horsepower
152 (113 kW)
Tipping Load
23,222 lb (10 533 kg)



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821C
 Net Horsepower
 187 (139 kW)
 Tipping Load
 30,083 lb (13 645 kg)



921C
 Net Horsepower
 248 (185 kW)
 Tipping Load
 43,305 lb (19 643 kg)

C Series

OPERATOR ENVIRONMENT

QUICK FACTS

- ✓ *Exceptional Visibility*
- ✓ *Quieter Cab*
- ✓ *Advanced Diagnostic Information Center*
- ✓ *Flow-Amplified Steering*
- ✓ *Improved Air Filtration*
- ✓ *More Legroom*

Now It's Easier To Work Hard Increase Productivity with Superior Comfort

Sit behind the wheel of a Case C Series wheel loader and experience a new standard in cab comfort and control. Operators will appreciate a roomier, quieter cab that offers exceptional visibility, easy-effort steering, a comfortable seat and convenient controls.

For starters, you won't believe the view. Streamlined consoles and more glass both front and rear provide outstanding all-around visibility to the job site – from the bucket to the ground, plus front and rear tires.

With all controls comfortably within reach, it's easy to operate a C Series wheel loader for faster, efficient cycle times. Concentrate on maneuvers instead of loader operation when using automatic controls for return-to-dig, return-to-travel, float, or bucket height.

Thanks to a new flow-amplified steering system, you can enjoy 33% easier turns. This wide-angle steering system doesn't over-react to steering corrections while roading, so you get a smoother ride at higher speeds. And stop-to-stop turns are easier too, with one less rotation to help fight operator fatigue.

You can easily manage a full day's work when sitting in the new air-suspension seat (optional). It's fully adjustable for increased comfort. In addition, an improved climate-control system with better filtration moves more clean air through the cab.

See your Case dealer today and climb behind the controls of a C Series wheel loader to experience revolutionary cab comfort for yourself.



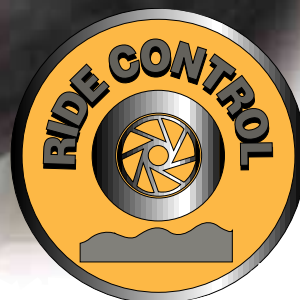
er and Control



Operators will appreciate a panoramic view thanks to 42.5 square feet (3.95 m²) of cab glass. With 11% more glass both front and rear, you can easily see the bucket, front tires, and even rear tires for extra control in confined spaces.



A quick glance at the steering column gives you all the information you need. The state-of-the-art Operator Information Center constantly monitors nine critical functions, providing faster, easier system checks.



Add Ride Control to any C Series wheel loader and smooth out rough terrain with the touch of a button. This option allows the loader arms to act like a shock absorber, cushioning the load, minimizing bucket spill and providing a smoother ride. Ride Control also reduces stress to the machine for longer life.

C Series

POWERTRAIN

QUICK FACTS

- ✓ *Proportional Shift Transmission*
- ✓ *Programmable Gear Selection*
- ✓ *Limited-Slip Differentials*
- ✓ *Multiple Wet-Disc Brakes*
- ✓ *Efficient, Reliable Engines*

Experience Rugged and Reliable With Smarter, Smoother Shifting & Efficient

You'll get more done in a day with faster cycle times from the C Series' intuitive proportional shift transmission. Together with the Electronic Control Module (ECM), this smooth-shifting system gives you three options for optimal productivity — manual, automatic, or custom-program mode.

In automatic mode, the ECM senses machine speed and load to accurately shift into the highest possible gear for efficient productivity and reliable performance.

For maximum efficiency, customize a C Series to get the job done with reduced operator effort. It's easy to set a specific shifting pattern so you can match speed and power to your application needs.

The ECM's modulation steps smoothly through each range without hesitation, so there's no need to throttle back. A convenient downshift button lets you easily step down to a lower gear for extra push into the pile. And controlled engagement prevents rock-back when charging a pile or going up a hill, plus helps extend clutch life.

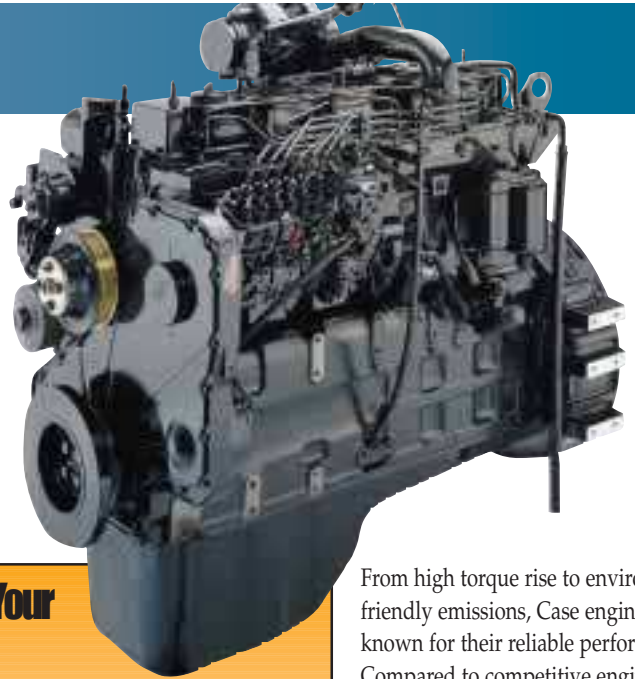
With a reliable braking system and powerful hydraulics, Case C Series wheel loaders will meet your highest performance expectations. For superior lift capacity, transmission disconnect is standard. Step on either brake pedal to instantly send more engine power to the loader for faster raise cycles with a full bucket.

On the 621C, 721C and 821C wheel loaders, limited-slip differentials are standard on both front and rear axles (optional on most competitive units). When pushing material or crowding a pile in slippery conditions, limited-slip axles minimize wheel spin, retaining power and reducing tire wear.



Courtesy of Machine.Market

able Performance Engines



Power to Handle Your Toughest Jobs

Model	Engine	Gross Hp/KW	Net Hp/KW
621C/XT	Case 6T-590	139 (104)	130 (97)
721C/XT	Case 6T-830	165 (123)	152 (113)
821C	Case 6T-830	200 (149)	187 (139)
921C	Cummins M11-C270	270 (201)	248 (185)

From high torque rise to environmentally friendly emissions, Case engines are known for their reliable performance. Compared to competitive engines, these efficient power plants have 30-40% fewer moving parts. That means less wear, faster repairs, and lower costs! And integrated components provide easy-access service.



621C

621C

QUICK FACTS

- ✓ *Net Horsepower*
130 (97 kW)
- ✓ *Straight Tipping Load*
20,696 lb (9388 kg)
- ✓ *Breakout Force*
25,100 lb (11 383 kg)
- ✓ *Max. Bucket Capacity*
2.75 yd³ (2.10 m³)
- ✓ *Operating Weight*
26,714 lb (12 117 kg)

Quick, Compact and Depend

The industry-wide popularity of this agile machine comes from its compact size, speed and maneuverability, as well as its powerful lift capacity and unmatched value.

The 621C wheel loader is designed for a multitude of tasks, from government to residential applications. Put it to work at a waste transfer or recycling station one day...then on to street maintenance or reconstruction projects the next. Whether it's cleaning up feedlots or backfilling water and sewer line trenches, the multi-tasking 621C can give you an exceptional return on your investment.

The strength of the 621C is its superior efficiency in short-cycle loading and durable digging performance. Whatever your application, the C Series' smooth, proportional-shift transmission can be tailored to the task — choose manual, automatic or custom-program modes. And a new top speed of 23 mph (37.5 kph) lets you get to the next job even faster.

No matter what job you give the 621C, operators will appreciate all-around visibility from the cab, essential for precision jobs and work in confined quarters. Simple, easy-reach controls let any operator quickly master the machine.

For solid value and all-around performance, ask for the 621C wheel loader from Case.



Courtesy of Machine Market

able

The versatile 621C can be equipped with XR extended reach loader arms for an additional 11 inches (279 mm) of lift height. This unit delivers prime performance in applications such as stockpiling, dumping into high-sided trucks and hoppers, or stacking hay bales.



721C

721C

QUICK FACTS

- ✓ *Net Horsepower*
152 (113 kW)
- ✓ *Straight Tipping Load*
23,222 lb (10 533 kg)
- ✓ *Breakout Force*
35,005 lb (15 878 kg)
- ✓ *Max. Bucket Capacity*
3.25 yd³ (2.48 m³)
- ✓ *Operating Weight*
29,630 lb (13 440 kg)

Strength and Stamina to Ha

The powerful, versatile 721C wheel loader is a productive addition to any work site, especially with its extra 12 net horsepower (9 kW). This rugged machine also features increased bucket capacities, helping you move more material in a day.

Other enhancements include the 721C's longer loader arms and an extra 1500 lbs (680 kg) of lift capacity. All these improvements let the 721C wheel loader easily handle a variety of demanding applications.

The 721C is ideal for road building jobs, hauling concrete barriers and other materials with ease. An optional heavier counterweight maximizes the 721C's lift capacity for heavy loads. And its longer reach allows you to place loads in the middle of high-sided dump trucks for even distribution.

With its extra lift height and large bucket capacity, the 721C is also perfect for waste transfer and recycling stations. Just add a scrap grapple and this heavy-duty loader can work through a pile of material in no time.

Because of its application flexibility and heavy-duty performance, the 721C wheel loader will quickly become the most popular unit on any job site.



Courtesy of Machine.Market

Handle Tough Jobs

The 721C's large bucket capacities help you move more material than ever before, increasing your productivity.



TOOL CARRIERS

QUICK FACTS

- ✓ 621C XT and 721C XT
- ✓ Enhanced Visibility
- ✓ Versatile Quick-Coupler
- ✓ Full Range of Attachments
- ✓ Increased Horsepower
- ✓ Parallel Lift Loader Arm Design

Get Maximum Versatility With

A versatile C Series XT tool carrier will prove invaluable whether you're working on road jobs, at a waste transfer station, or even doing residential construction, landscaping or utility work.

For maximum productivity in any application, 621C XT and 721C XT tool carriers accept a wide variety of attachments — everything from brooms and jib booms to many types of forks and specialty buckets. Equip your XT with a hydraulic quick-coupler and you can change attachments with the flip of a switch.

Because of its superior application flexibility, XT tool carriers are the perfect addition to a rental fleet. And with simple controls and a high-performance transmission, Case XT tool carriers offer easy operation.

Working with a tool carrier requires exceptional visibility all around the machine, especially when loading pallets. And the C Series XT units offer just that, with a clear view to the loader, tires and the surrounding job site.

And to keep the load under control, the XT parallel lift linkage ensures a self-leveling load from ground to full height — no need to adjust the attachment angle as the load rises.



Put one of these flexible machines to work on your business. With the attachment versatility and exceptional visibility of a C Series XT tool carrier, the possibilities are endless.



Courtesy of Machine.Market

th a Tool Carrier



821C

821C

QUICK FACTS

- ✓ *Net Horsepower*
187 (139 kW)
- ✓ *Straight Tipping Load*
30,083 lb (13 645 kg)
- ✓ *Breakout Force*
36,391 lb (16 504 kg)
- ✓ *Max. Bucket Capacity*
4.0 yd³ (3.06 m³)
- ✓ *Operating Weight*
37,901 lb (17 192 kg)



A Perfect Balance of Power & Speed

For top performance in demanding applications, the Case 821C delivers a perfect balance of power between the loader and wheels. This combination of loader performance and traction gives you higher productivity on the job.

A unique hydraulic system delivers efficient, concentrated power for steering and traction and faster loader speeds — right when you need it most. This gives the 821C a real performance and productivity advantage, especially in stockpiling and heavy-duty digging applications.

The 821C is ideal for working from pile to truck because of its large bucket capacity and easy forward-reverse shuttle shift control. You'll quickly

appreciate the smoother shifts, stops and starts from the proportional-shift transmission and improved braking power. To maintain a full load of material over rough terrain, equip an 821C with Ride Control to help absorb shocks while roading.

With the redesigned C Series cab, operators can work longer hours with comfort and ease. An all-around view and responsive, easy-to-operate controls give any operator a definite edge for higher productivity.

Let the 821C prove its worth to you...take it to your next job site for a hard day's work and see the advantages of balanced power in action.



921C

921C

QUICK FACTS

- ✓ *Net Horsepower*
248 (185 kW)
- ✓ *Straight Tipping Load*
43,305 lb (19 643 kg)
- ✓ *Breakout Force*
50,275 lb (22 804 kg)
- ✓ *Max. Bucket Capacity*
5.0 yd³ (3.82 m³)
- ✓ *Operating Weight*
50,621 lb (22 961 kg)

A Reliable Round-the-Clock

Put the hard-working 921C into aggregate operations and unleash the power of productivity. The faster cycle times of this workhorse help it match — and even exceed — the workload output of larger-bucket machines.

As a true production machine, the durable 921C can withstand the demands of round-the-clock operation in quarries and batch plants. Rugged and reliable, the 921C handles heavy loads and difficult conditions with agility and versatility.

With its excellent view, easy steering and comfortable environment, the ergonomically-designed 921C cab helps operators stay alert on long shifts. And automatic loader controls for return-to-dig, return-to-travel, and bucket height let operators concentrate on maneuvers, instead of loader control.

Enjoy smarter, smoother shifts, stops and starts from the proportional-shift transmission. When the travel speed of fourth gear isn't necessary, you can custom-program the transmission to limit gear selection for added control in certain situations. Standard torque-proportioning differentials on both front and rear axles provide more traction in difficult ground conditions, and improved braking power ensures the response you want when you need it most.



Workhorse

Whether you're loading trucks, stockpiling, or excavating, the faster cycles and greater flexibility of a 921C wheel loader help it outperform larger units in aggregate applications.



C Series

CUSTOMER SUPPORT

QUICK FACTS

- ✓ Buy, Lease or Rent
- ✓ Custom Financing from Case Credit
- ✓ Flexible Protection Plans
- ✓ Factory-Trained Technicians
- ✓ Genuine Case Replacement Parts

Your Case Dealer Has the

Trust your Case dealer to take care of your equipment...and your business...with a variety of programs to help you rent, lease, or own a C Series wheel loader. Working with your Case dealer, you'll find a financial package from Case Credit that best fits your business goals.

For the peace of mind you deserve, C Series wheel loaders come with one of the best warranties in the business. For added security, you can choose one of our options in the Case Flexible Protection Plan. And to keep your machine in top condition throughout its life, ask about the Case Maintenance Inspection Plan for regularly scheduled servicing.

You can count on your Case dealer for expert advice and outstanding service long after the sale.

With factory-trained technicians and advanced diagnostic equipment, your Case dealer can help maximize your uptime productivity. That includes having genuine Case replacement parts on-hand through AvailabilityMAX™, our industry-leading distribution program. If it's not on the shelf, your dealer can locate the right part within seconds through a computerized inventory network.



Right Tools

From parts and service to financing and protection plans, your Case dealer has the best solutions for your specific business needs. Stop by your Case dealer to learn more!

CASE CREDIT



Your Case dealer has factory-trained service professionals that can quickly diagnose problems and provide service and repair with genuine Case parts.

Uptime. All the Time.™



C Series

ATTACHMENTS

QUICK FACTS

- ✓ Dozens of Available Attachments
- ✓ Auxiliary Hydraulics
- ✓ Hydraulic Quick-Couplers

Get More Out of Your Machine

Turn your C Series wheel loader into a multi-functional machine for maximum productivity. A wide variety of attachments and options such as auxiliary hydraulics provide outstanding application versatility.

With a large range of attachments to choose from, you can add exactly what you need to get the job done — from brooms and buckets to forks and jib booms.

For fast, easy attachment changes, the hydraulic quick-coupler lets you swap-out tools in seconds... right from the seat of your C Series.

Case C Series wheel loaders offer impressive attachment versatility for true application diversity... it's like getting a whole fleet from one machine!

Optional hydraulic quick-couplers from JRB® and ACS® can be delivered factory-direct. These couplers let you make fast and simple attachment changes with the flip of a switch.



Your Case dealer has a wide selection of bucket and attachment choices to meet your job needs.



For maximum durability and digging power, add a bolt-on edge or bucket teeth to your C Series.

4 IN 1® Buckets



Top Clamp Forks



Brooms



Scrap Grapples



Forks



General Purpose Buckets



Rail Car Couplers



Jib Booms



Brush Rake



Side Dump Buckets



Pipe Forks



Snowblades



Forestry Forks



Trash Grapple Buckets



Specialty Buckets



C Series

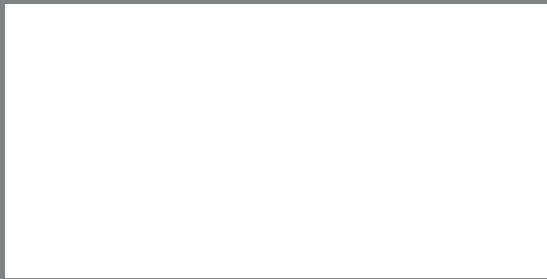
STANDARD/OPTIONAL EQUIPMENT

Standard

Optional

Engine	621C/XT	721C/XT	821C	921C	621C/XT	721C/XT	821C	921C	Engine
Case 6T-590 diesel	•				•	•	•	•	Ether injector
Case 6T-830 diesel		•	•		•	•	•	•	Engine block coolant heater
Cummins® M11-C270 diesel				•	•	•	•	•	Batteries, dual 12-volt 900 CCA
Dual 700 CCA 12-volt batteries	•	•	•				•		Suction fan ILO pusher fan
Dual 900 CCA 12-volt batteries				•	•	•			Spark-arresting muffler
Armor core radiator			•	•	•	•			Armor core radiator
					•				Heavy-duty cooling
Operator's Compartment					Operator's Compartment				
ROPS canopy	•	•	•	•	•	•	•	•	Cab w/pressurized air filtering, anti-glare window strip and visor, heater, defroster, cloth-covered mechanical suspension seat, (2) interior rearview mirrors, full/partial opening side windows, dome light, windshield wipers/washers-rear and intermittent front, rubber floor mat
Information Center	•	•	•	•	•	•	•	•	SoundShield Package - 72 dBa sound level inside cab*
Tilt steering wheel w/steering knob	•	•	•	•	•	•	•	•	Cab air-conditioning
Fully adjustable, vinyl suspension seat	•	•	•	•	•	•	•	•	Air-suspension seat*
Beverage holder	•	•	•	•	•	•	•	•	Radio-ready (12- or 24-volt)*
2 Interior rearview mirrors	•	•	•	•	•	•	•	•	Radio or radio/cassette*
2" (51 mm) retractable seat belt	•	•	•	•	•	•	•	•	Auxiliary power (12-volt)*
Storage area	•	•	•	•	•	•	•	•	Lighter*
					•				West Coast mirrors
Drivetrain					Drivetrain				
4-wheel drive	•	•	•	•	•	•	•	•	Rotating beacon
4F/3R Proportional shift transmission	•	•	•	•	•	•	•	•	Seat belt, retractable 3" (76 mm)
Electronic Control Module	•	•	•	•	•	•	•	•	
Auto shift/Manual shift	•	•	•	•	•	•	•	•	
Electronic transmission disconnect	•	•	•	•	•	•	•	•	
Limited-slip differentials	•	•	•	•	•	•	•	•	
Torque proportioning differentials				•	•	•	•	•	
Hydraulic wet disc brakes	•	•	•	•	•	•	•	•	
Electric parking brake	•	•	•	•	•	•	•	•	
Hydraulics					Hydraulics				
Flow-amplified, wide-angle steering	•	•	•	•	•	•	•	•	Ride Control
Full-flow oil cooler	•	•	•	•	•	•	•	•	Auxiliary steering
Loader control lockout	•	•	•	•	•	•	•	•	2-spool valve w/1-lever control
2-spool loader control valve	•	•	•	•	•	•	•	•	3-spool valve w/3-lever control
Diagnostic quick-couplers	•	•	•	•	•	•	•	•	3-spool valve w/2-lever control
					•	•	•	•	4-spool valve w/2-lever control
					•	•	•	•	Loader control lever conversion kits
Loader					Loader				
XR Extended Reach Loader arms	•	•	•	•					Attachment auxiliary hydraulics
Two lever control for lift and dump	•	•	•	•	•	•	•	•	Hydraulic attachment coupler
Automatic return-to-dig	•	•	•	•					
Automatic height control	•	•	•	•					
Automatic return-to-travel	•	•	•	•					
Bucket position indicator	•	•	•	•					
Other					Other				
2 halogen headlights	•	•	•	•	•	•	•	•	2.25, 2.5, 2.75 yd³ pin-on buckets
2 front and 2 rear flood lights	•	•	•	•					2.75, 3.0, 3.25 yd³ pin-on buckets
2 front working lights	•	•	•	•					3.5, 4.0 yd³ pin-on buckets
2 rear tail and stop lights	•	•	•	•					4.75, 5.0, yd³ pin-on buckets
Front and rear turn signal/flash	•	•	•	•					
Standard front and rear fenders	•	•	•	•					
Wide front and rear fenders				•	•	•	•	•	Special paint
Articulation locking bar	•	•	•	•	•	•	•	•	24-volt to 12-volt power converter
Counterweight	•	•	•	•	•	•	•	•	Lift and tie-down brackets
Horn	•	•	•	•	•	•	•	•	Narrow fenders
Backup alarm	•	•	•	•	•	•	•	•	Counterweights
					•	•	•	•	Anti-vandalism locking kit

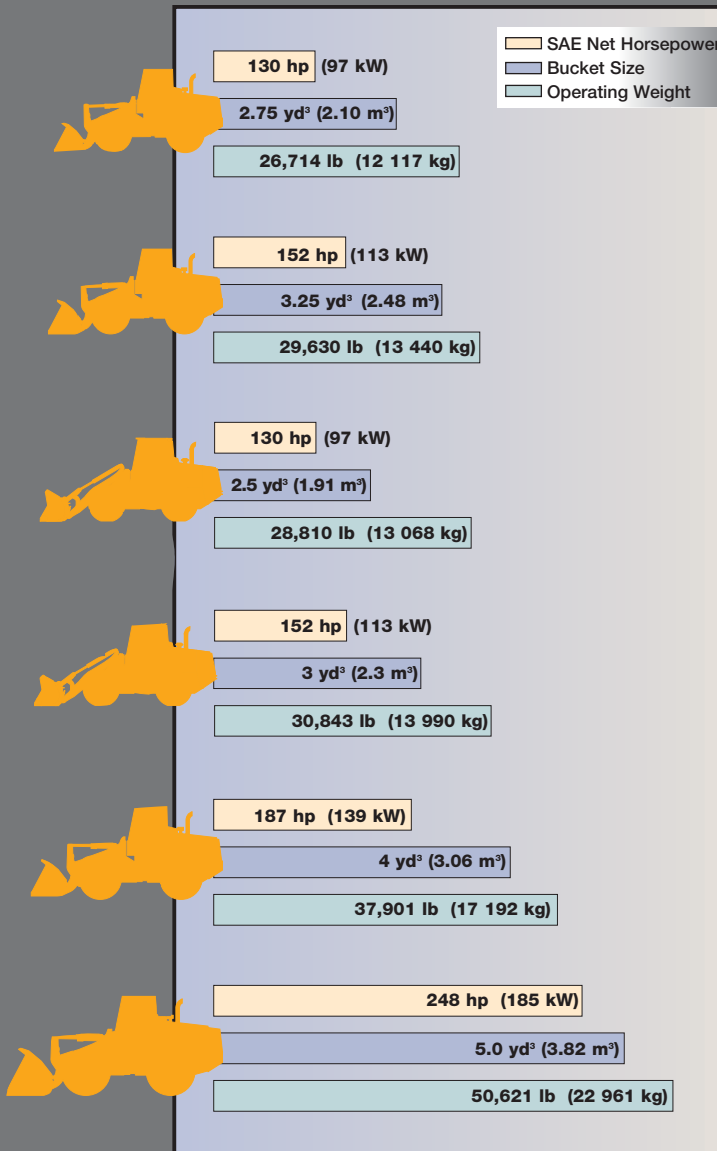
NOTE: *Available on cab units only.



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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 specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.

IMPORTANT: Case Corporation reserves the right to change these specifications without notice and without incurring any obligation relating to such change. This literature has been published for world-wide circulation. 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.

Attachments from other manufacturers are shown for illustration only. Case Corporation does not warrant the safety or reliability of these attachments.

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