



# 521F WHEEL LOADER

**PRELIMINARY**



**Case Delivers Full-Service Solutions**

**EQUIPMENT | FINANCING | PARTS & SERVICE**

# THE NEXT GENERATION 521F WHEEL LOADER FROM CASE

The 521F continues the tradition of the F Series wheel loaders with the adoption of premium features and performance while leading the industry in productivity and efficiency.

## Heavy-Duty Axles

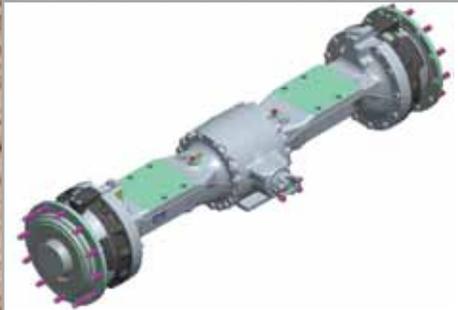
The addition of the optional heavy-duty axles expands the ability of the 521F to perform even more tasks. These axles, with auto-locking front and open rear differentials, have the same design criteria found on the axles of the larger models. With **metal face seals** and **sintered bronze brake linings**, these axles have superior sealing capability and longer service lives, improving the owning and operating costs. Additionally, the HD axles can accept **higher load capacities**, allowing the customer to configure the unit with solid, foam-filled or chain-wrapped tires. The 521F

will confidently perform in the toughest of conditions, experiencing reduced tire wear, improved fuel efficiency, incremental tire options and enhanced durability.



## Advanced Instrument Cluster (AIC)

The new AIC for the 521F has four operating modes, allowing operators and service technicians full visibility and control of basic job functions and of protective controls, helping to eliminate costly repairs. With a new, cleaner layout of primary instrument dials, additional control features have been added, including the fuel saving feature of **AUTO IDLE**, a setting allowing for multiple idle rate adjustments, and **AUTOMATIC MACHINE PROTECTION** that aids in preventing costly failures.



# F SERIES

## Tier 4 Engine Solution: SCR

For the new 521F, Selective Catalytic Reduction (SCR), also found in the 621F thru 1121F, delivers the productivity and performance that our customers expect while maintaining compliance with Tier 4 federal emission requirements. SCR technology delivers improved power and efficiency while **avoiding recirculating exhaust** or

costly regenerative cycling. Also, due to the avoidance of high exhaust temperatures, the 521F can operate in a wider variety of applications. With the Case SCR's simplified design, there are fewer components and service issues to address.

**SCR**  
POWERFUL+EFFICIENT+SIMPLE



## Case Quiet Cab

The Case 521F delivers class-leading comfort and visibility with more new features to improve an operator's effectiveness. Case's quiet cab, at a **70.8 decibel rating**, supplies cleaner air with a **dual air filtration system**, a more comfortable ride with an optional heated air ride seat, and ergonomically positioned controls that ensure a long day in the cab won't reduce productivity. NEW options, such as **joystick steering**, **rear view camera** and **heated side mirrors** allow for precise control and visibility in the toughest of conditions. Case's floor-ceiling windows and **improved lighting system** continue to provide excellent visibility, from the cutting edge of a bucket to the tip of a fork.



Want more info?

Visit [www.CompareCase.com](http://www.CompareCase.com) or [www.Casece.com](http://www.Casece.com). Then, see your Case dealer for a demonstration, climb inside and put a new 521F Wheel Loader to work.

Specifications	Z-Bar*	XT**	XR*
Maximum Net HP	131 hp (98 kW)	131 hp (98 kW)	131 hp (98 kW)
Operating Weight	22,856 lb (10 367 kg)	24,585 lb (11 152 kg)	23,229 lb (10 537 kg)
Bucket Capacity	2.1 yd <sup>3</sup> (1.61 m <sup>3</sup> )	2.1 yd <sup>3</sup> (1.61 m <sup>3</sup> )	2.1 yd <sup>3</sup> (1.61 m <sup>3</sup> )
Breakout Force	20,868 lb (9466 kg)	21,563 lb (9781 kg)	20,874 lb (9468 kg)
Hinge Pin Height	142.1 in (3609 mm)	147.5 in (3745 mm)	157.0 in (3987 mm)

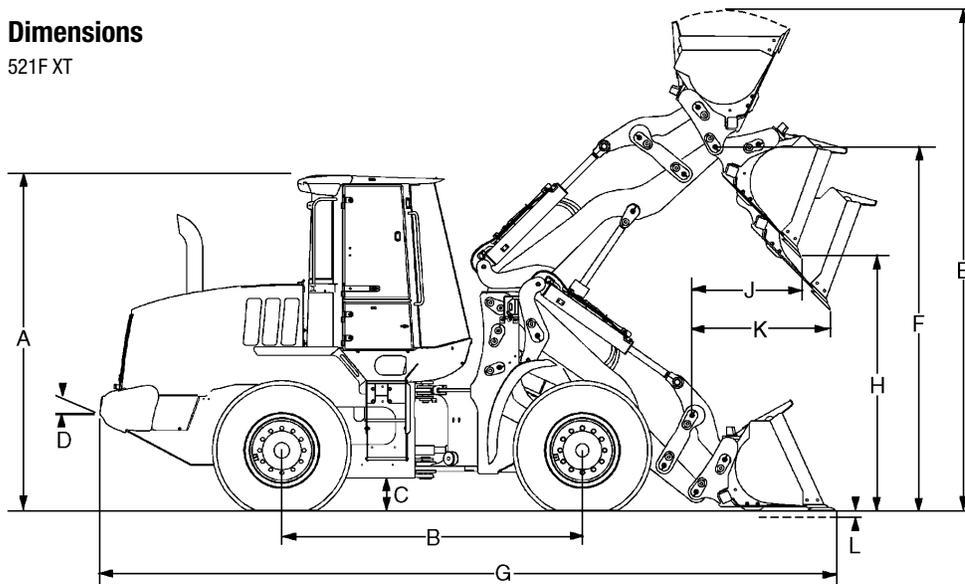
Preliminary Specifications

\* Specs using general purpose loader bucket w/ edge.

\*\* Specs using ACS loader bucket w/ edge.

## Dimensions

521F XT



Line drawings are for illustrative purpose only and may not be exact representation of unit.

A. Height to top of ROPS cab	129.0 in (3277 mm)
B. Wheelbase	108.3 in (2750 mm)
C. Ground clearance	14.85 in (377 mm)
D. Angle of departure	34°
E. Operating height – fully raised with spillguard	194.0 in (4927 mm)
F. Hinge pin height – fully raised	147.5 in (3745 mm)
G. Overall length – bucket level on ground	266.8 in (6776 mm)
H. Dump height – fully raised, 45° dump	106.2 in (2697 mm)
J. Bucket reach – fully raised, 45° dump	46.2 in (1173 mm)
K. Bucket reach – 7 ft 0 in (2.13 m) height, 45° dump	63.0 in (1601 mm)
L. Dig depth	3.9 in (100 mm)

Specs w/ 2.1 yd<sup>3</sup> (1.61 m<sup>3</sup>) ACS bucket w/ edge and XT lift arm for ACS Pro Series 2000® size 30 HD coupler.



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### SAFETY™ NEVER HURTS

it is operating properly. Follow the product safety signs and use any safety features provided.

All engines meet current EPA emission regulations.

All specifications are stated in accordance with SAE standards or recommended practices, where applicable.

Always read the operator's manual before operating any equipment. Inspect equipment before using it, and be sure

## Case Front Coupler

The 521F utilizes the Case Coupler system on all three of its models, Z-Bar, XR (extended reach) and XT (tool carrier), that handle forks to 4-in-1 buckets, increasing the versatility of the wheel loader. The Case coupler design pulls the attachment closer to the machine, providing significant breakout, and is compatible with JRB and ACS attachments. Both coupler systems are Case designs with Case warranties. The coupler mounting on the XT model also provides improved visibility to the forks for load and carry utility needs, without sacrificing reach on the XR model. Simply, the 521F is able to handle heavier and much larger buckets.



## NEW LARGER Selection of Attachments

A new larger selection of attachments means more application uses for the 521F. Attachments can be found in the Part Attachment Price Book. The addition of more than 250 new buckets, rotary brooms and forks means that this wheel loader has even more solutions for a variety of tasks. Also included in this offering are buckets outfitted with SMARTFIT™ bucket tooth systems. SmartFit's hammerless fastener system improves digging performance with its heavy, stronger teeth and heavier, self-sharpening teeth.



**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.

