521F Wheel Loader
ENGINEERED FOR IT ALL.

Productive is moving up to 212 tons of material per hour*. Efficient is using 12% less fuel. Comfort is room to work, confidence in your controls and clear site lines of the task at hand. And all of it together – is the 521F. Experience the latest addition to the CASE F Series line of high-performance wheel loaders.

*Based on a 50-meter loading/dumping cycle with an estimate of up 56 cycles per hour.
521F Highlights

1. SCR technology provides a 10% increase in fuel efficiency over previous generations while a standard auto-idle feature results in additional fuel savings up to 30%.

2. CASE Quiet Cab – the largest cab in the industry – delivers class-leading comfort and visibility thanks to a dual air filtration system, optional heated air-ride seat and floor-to-ceiling windows.

3. Standard limited-slip axles provide excellent traction on slippery surfaces, particularly in snow removal applications, while optional heavy-duty axles with locking front differential are perfect for use on hard surfaces.

4. Advanced Instrument Cluster (AIC) clearly displays important performance data and offers four selectable power modes (Economy, Standard, Max, Auto) to match engine power to the task at hand.

5. Optional joystick steering and pilot loader controls put precise command and convenient control at your fingertips.

6. Wide variety of tires available, including snow tires, to bring out the best in the 521F.

7. CASE coupler – designed by CASE specifically for CASE wheel loaders – improves fork visibility and is compatible with JRB and ACS attachments.

8. Optional Ride Control™ provides excellent material retention and machine control over rough terrain.

9. Available with standard Z-bar linkage for large operating loads and greater bucket visibility, XR linkage for extended reach and dump clearance and tool-carrier XT linkage for maximum utility, excellent visibility and parallel lift.

10. Expanded selection of attachments, including new buckets, rotary brooms and forks.

Tier 4 Technology Matched to the Task

Using Selective Catalytic Reduction (SCR) technology was the obvious Tier 4 Interim choice for the 521F. The tasks of this class of wheel loader are more variable and require inconsistent engine loads. So rather than compromise power, we let the engine do what it does best – run at peak performance. This gives the faster throttle response and acceleration operators want while maintaining lower exhaust temperatures and since SCR is an after-treatment system that doesn’t rely on diesel particulate filters (DPF), you’ll avoid the downtime, maintenance, and fuel-burning process of DPF regeneration.

Love Where You Work

As the largest cab in the industry, the CASE Quiet Cab is a spacious example of our continued commitment to the operator experience. A dual air filtration system and insulated cab mounts provide a clean, quiet operating environment while the floor-to-ceiling windows, improved lighting system and optional rearview camera give excellent visibility all around the machine. And of course, award-winning joystick steering and our Advanced Instrument Cluster put precise, intuitive control at your fingertips.

Maintenance Made Easy

From ground-level service checks to a tilt-up rear hood that provides complete engine access to the Automatic Machine Protection feature that helps prevent costly failures, the 521F wheel loader offers a level of serviceability like no other.

www.CaseCE.com
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.

All engines meet current EPA emission regulations.

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

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.

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Protected by ProCare

The 521F comes standard with the industry’s first all-in-one heavy machine support program that’s as powerful as the equipment it protects – CASE ProCare. ProCare includes:

3K 3-year/3000-hr.
Full-Machine Factory Warranty*. We’ve got your back – for three full years!

3-year/3000-hr.
Planned Maintenance.

Don’t spend another dime for scheduled care from factory-trained CASE technicians.

3-year SiteWatch™ Subscription.

Telematics isn’t a luxury, it’s a necessity – and we’ve made it accessible to all.

“See your dealer for the complete terms of CNH’s Warranty and Limitation of Liability, which contains certain limits and exclusions.

SmartFit™ Bucket Teeth

521F buckets come with the innovative SmartFit bucket tooth system. These heavy-duty, self-sharpening teeth combine exceptional strength and unmatched ease of installation thanks to a hammerless fastener system with reusable locking pins. Available in a full range of styles.

**Notes:**
- Specifications w/ 2.1 yd³ (1.61 m³) ACS bucket w/ edge and XT lift arm for ACS Pro Series 2000® size 30 HD coupler.
- Specifications w/ general purpose loader bucket w/ edge.
- Specifications w/ ACS loader bucket w/ edge.

### SPECIFICATIONS

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<thead>
<tr>
<th>Z-Bar*</th>
<th>XT**</th>
<th>XR*</th>
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<tbody>
<tr>
<td><strong>Engine Cylinder</strong></td>
<td>4 cyl. / 275 cc (4.5 L)</td>
<td>4 cyl. / 275 cc (4.5 L)</td>
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<tr>
<td><strong>Maximum Net HP</strong></td>
<td>131 hp (98 kW)</td>
<td>131 hp (98 kW)</td>
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<tr>
<td><strong>Operating Weight</strong></td>
<td>22,856 lb. (10 367 kg)</td>
<td>25,015 lb. (11 347 kg)</td>
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<tr>
<td><strong>Bucket Capacity</strong></td>
<td>2.1 yd³ (1.61 m³)</td>
<td>2.1 yd³ (1.61 m³)</td>
</tr>
<tr>
<td><strong>Breakout Force</strong></td>
<td>20,868 lb. (9 466 kg)</td>
<td>20,571 lb. (9 331 kg)</td>
</tr>
<tr>
<td><strong>Hinge Pin Height</strong></td>
<td>142.1 in. (3 609 mm)</td>
<td>147.5 in. (3 745 mm)</td>
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**Note:**
Specifications w/ ACS bucket w/ edge.

**SAFETY™ NEVER HURTS**

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# Contains 10% post-consumer fiber

CASE construction equipment is biodiesel friendly.

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