621F | 721F Wheel Loaders

PRODUCTIVITY TAKES ANOTHER STEP FORWARD.

With a new Tier 4 Final engine using SCR (Selective Catalytic Reduction) technology, the 621F and 721F are the latest evolution of powerful-yet-efficient CASE wheel loaders. In addition to the upgraded emissions solution, these workhorses take economy even further with fuel-saving features such as auto-idle, auto-shutdown and four programmable power modes that match engine output to the task at hand. And it's all controlled from a roomy cab that gives operators an industry-leading view of all the work they're getting done.
621F | 721F Highlights

1. Array of attachment options that simplify your work, including buckets, couplers, forks and grapple buckets.

2. Three loader linkage styles available to match jobsite application: Extended Reach (XR) for extra reach and height when loading, Tool Carrier (XT) and traditional Z-bar.

3. Optional Ride Control™ provides excellent material retention and machine control over rough terrain (available on 621F).

4. One of the industry's quietest and most spacious cabs with class-leading visibility thanks to floor-to-ceiling windows. An iso-mount® design, dual air filtration system, and optional heated, air-ride seat help provide operators daylong comfort.

5. Award-winning joystick steering – an option exclusive to CASE – reduces operator fatigue and improves cycle times with its low-effort, responsive design.

6. CASE high-efficiency mid-mounted cooling cube reduces cleanout intervals and susceptibility to thermal events and comes with an optional auto-reversing fan.

7. Many options for tires are available, such as Radial L2, L3, and snow tires, based on application and working conditions.

8. The Sy-Klone® ejective air pre-cleaner gives longer life to the air filters and reduces filter change (optional).

9. Tier 4 Final SCR technology keeps operating temperatures low and delivers up to 20% better fuel economy over previous Tier 3 models. No DPF regeneration where exhaust temperatures can be a job site hazard. No EGR, so no EGR valve, keeping your cost of operations low.

10. Available rearview camera improves the already best-in-class rear visibility.

Available five-speed transmission with lock-up torque converter improves acceleration and hill climbing for faster cycle times.

NOTE: Five-speed transmission not available on 621F.

Maintenance Made Easy.
From ground-level service checks to eye-level fluid gauges to an electric lift, tilt-up rear hood that provides complete engine access, F Series wheel loaders offer a level of serviceability like no other.

SCR – Efficient Power, Proven Productivity.
Because of their idle-heavy applications and variable power demands, SCR (Selective Catalytic Reduction) Tier 4 Final technology is the obvious choice for these mid-sized wheel loaders. As an after-treatment system, SCR lets the engine run at peak performance, which provides faster throttle response while also maintaining lower temperatures and delivering up to 20% better fuel efficiency over other solutions. Best yet, SCR is simple. No DPF* regeneration. No downtime. No extreme temperature spikes. Just pour and go.

*Diesel Particulate Filter

Ejective Air Pre-Cleaner.
The Sy-Klone® ejective air pre-cleaner extends air filter life, lowers cost per operating hour by reducing parts, labor and downtime, extends engine life, and improves fuel efficiency.

1. Air enters the underside of the dome through screened louvers. This prevents clogging by blocking any particles larger than the ejection slot from entering the unit.

2. Curved particle-accelerator blades direct dirt against the sidewall.

3. Strakes (angled fins) along the interior surface move heavier-than-air debris towards the ejection slot.

4. Clean air continues to swirl down into the engine air inlet pipe.

Axles for Anywhere.
The 621F and 721F wheel loaders come standard with limited-slip axles providing outstanding traction in all conditions. Both models also offer new heavy-duty axles with locking front differential for excellent traction in the most demanding conditions and are approved for solid tires.

Specialty Models Available.
The 621F and 721F can be configured with special tires, guarding and attachments for specialty applications such as waste/scrap handling, agriculture, lumberyards and snow removal.

www.CaseCE.com
621F | 721F WHEEL LOADERS

### SPECIFICATIONS

<table>
<thead>
<tr>
<th>621F</th>
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<tbody>
<tr>
<td>Engine</td>
<td>FFE613W</td>
<td>FFE613W</td>
<td>FFE613W</td>
<td>FFP</td>
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<tr>
<td>Tier 4 Final</td>
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<td>Tier 4 Final</td>
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<tr>
<td>Net Peak HP (kw)</td>
<td>162 (215)</td>
<td>162 (215)</td>
<td>162 (215)</td>
<td>179 (241)</td>
<td>179 (241)</td>
</tr>
<tr>
<td>Net Peak Torque – lb·ft (N·m)</td>
<td>22,922</td>
<td>22,922</td>
<td>22,922</td>
<td>27,860</td>
<td>27,860</td>
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<tr>
<td>Angle – 7 ft. (2.13 m) Height</td>
<td>126.6 in. (3215 mm)</td>
<td>126.6 in. (3215 mm)</td>
<td>126.6 in. (3215 mm)</td>
<td>133.3 in. (3385 mm)</td>
<td>133.3 in. (3385 mm)</td>
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<tr>
<td>Angle – Full Height</td>
<td>110.2 in. (2799 mm)</td>
<td>110.2 in. (2799 mm)</td>
<td>110.2 in. (2799 mm)</td>
<td>114.2 in. (2900 mm)</td>
<td>114.2 in. (2900 mm)</td>
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<tr>
<td>Bucket Reach @ 45° Dump</td>
<td>510 (692)</td>
<td>510 (692)</td>
<td>510 (692)</td>
<td>578 (744)</td>
<td>578 (744)</td>
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<tr>
<td>Angle – Full Height</td>
<td>51.3 in. (1303 mm)</td>
<td>51.3 in. (1303 mm)</td>
<td>51.3 in. (1303 mm)</td>
<td>53.1 in. (1350 mm)</td>
<td>53.1 in. (1350 mm)</td>
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<tr>
<td>Displacement – in.³ (L)</td>
<td>411 (6.7)</td>
<td>411 (6.7)</td>
<td>411 (6.7)</td>
<td>441 (7.1)</td>
<td>441 (7.1)</td>
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<tr>
<td>Operating Weight – lb (kg)</td>
<td>26,813 (12,162)</td>
<td>26,813 (12,162)</td>
<td>26,813 (12,162)</td>
<td>31,717 (14,387)</td>
<td>31,717 (14,387)</td>
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<tr>
<td>Transmission Gears</td>
<td>4F/3R</td>
<td>4F/3R</td>
<td>4F/3R</td>
<td>4F/3R</td>
<td>4F/3R</td>
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<tr>
<td>Bucket Capacity Range – yd³ (m³)</td>
<td>2.4 - 4.5</td>
<td>2.4 - 4.5</td>
<td>2.4 - 4.5</td>
<td>3.0 - 5.5</td>
<td>3.0 - 5.5</td>
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<tr>
<td>Breakout Force – lb (kg)</td>
<td>21,598</td>
<td>21,598</td>
<td>21,598</td>
<td>27,574</td>
<td>27,574</td>
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<tr>
<td>Full-Turn Tipping Load – ISO – lb (kg)</td>
<td>19,298 (8754)</td>
<td>19,298 (8754)</td>
<td>19,298 (8754)</td>
<td>22,922 (10397)</td>
<td>22,922 (10397)</td>
</tr>
</tbody>
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**NOTE:** Maximum torque shown for this model.

1. Z-Bar and XR units equipped with 3 yd³ (2.3 m³) general purpose pin-on bucket, XT unit 2.5 yd³ (1.9 m³) coupled GP bucket on CNH XT coupler, all with bolt-on edge
2. Z-Bar and XR units equipped with 3.5 yd³ (2.7 m³) general purpose pin-on bucket, XT unit 3 yd³ (2.3 m³) coupled GP bucket on CNH XT coupler, all with bolt-on edge

### SAFETY NOTICE

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.

**Warranty and Limitation of Liability:**

All warranties are provided by the applicable Case Construction Equipment distributor. 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.

**3-year/3000-hr. Factory Warranty**

- **Full-Machine Factory Warranty**
- **Planned Maintenance**
- **3-year Advanced SiteWatch™ Subscription**

The 621F and 721F come 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 Protection:**
- **3-year/3000-hr. Full-Machine Factory Warranty**
- **3-year/3000-hr. Planned Maintenance**
- **3-year Advanced SiteWatch™ Subscription**

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

**3-year Advanced SiteWatch™ Subscription**

- 3-year Advanced SiteWatch™ Subscription
- 3-year/3000-hr. Factory Warranty

**Ground-Engaging Equipment**

CASE offers a wide range of buckets, both pin-on and quick-coupler style to maximize productivity. And F Series* buckets come standard 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.

*Excludes 1221F model