

CASE
CONSTRUCTION

Wheel Loaders

F SERIES



521F

621F

721F

821F

921F

1021F

1121F

1221F

SINCE 1842



521F



621F



721F



821F



921F



1021F



1121F



1221F





More tons per hour, more models than ever

Whether it's the best-in-class bucket breakout force of the 721F, the best-in-class full-turn tipping load of the 921F or the innovative controls of the 1221F, CASE has a full range of wheel loaders built to be fast, fuel-efficient and full of helpful features. Utility work? Check. High-production jobs? No problem. The F Series is here.

- + SCR Technology*
- + 4 Power Modes**
- + 5-Speed Transmission***
- + Attachment Versatility
- + Maximum Visibility
- + Protected by ProCare

*(Selective Catalytic Reduction) Excludes 1221F

**3 available on 1221F

***Optional on 721F, 821F, 921F and 1221F

LOVE WHERE YOU WORK



A QUIET, COMFORTABLE CAB

As the largest cab in the industry, the ROPS/FOPS-certified CASE Quiet Cab is a spacious example of our continued commitment to comfort. A dual air filtration system and iso-mount cab design with strategic hydraulic routing reduce external noise and vibration to create a clean, quiet operating environment. All while the 1221F's fully adjustable operator station lets you tilt, telescope and tweak the steering column, wrist rests and suspension seat to your liking.



AWARD-WINNING JOYSTICK STEERING*

This exclusive feature allows operators to seamlessly move between the joystick and steering wheel. Its ergonomic design and responsive control reduce operator fatigue and greatly help to improve cycle times – especially during repetitive, high-production applications.

*Recognized by *Construction Equipment Magazine*



GET ON BOARD WITH THE AIC

With a cleaner layout of primary instrument dials, the AIC (Advanced Instrument Cluster) is easier than ever to use. Operators have full visibility of basic job functions and service diagnostics such as fluid levels and fuel efficiency – no technician needed.

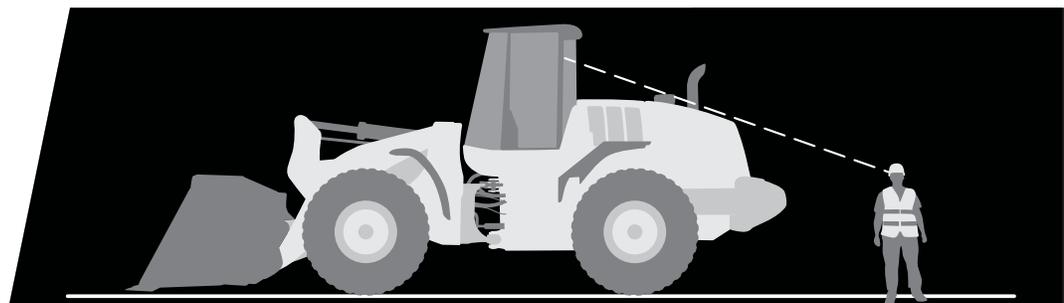


THE 1221F AT THE CONTROLS

The 1221F takes intuitive controls to the next level with an industry-exclusive 5.7-inch touchscreen. This full-color monitor lets operators easily access the load tracking system, as well as set automatic bucket and loader return function.

BEST-IN-CLASS VISIBILITY

Floor-to-ceiling windows, a low-profile hood design and optional rearview camera give unmatched visibility to the bucket or attachment and around the job site.



Visibility from rear of cab to point behind machine.

FRONT VIEW



REAR VIEW



LOCKED AND LOADED





POWERINCH™ MEANS PRECISION

By helping to maintain high RPMs and maximizing hydraulic power to the loader arms and bucket cylinder, POWERINCH provides incredible accuracy and control in tight loading areas, regardless of engine speed or grade. Included with the optional five-speed transmission, it's ideal for short-cycle loading of trucks, hoppers or heavy materials in tight spots – and it's only from CASE.



PERFECT POWER 4 THE JOB

Only CASE F Series wheel loaders let you match engine output to the task at hand with four* programmable power modes: ECO for maximum fuel efficiency, STANDARD for quick loading, MAX for aggressive digging and AUTO for engine output that responds on the fly.

*Three power modes available on 1221F (ECO, STANDARD and AUTO)



THE FASTER, FUEL-SAVING FIVE-SPEED*

F Series wheel loaders offer a five-speed transmission with lockup torque converter and computer-controlled clutch modulation. Not only does this efficient transmission improve acceleration, travel speeds and climbing power, by eliminating power loss, the fivespeed setup can increase fuel savings by up to 8%.

*Available on 721F, 821F, 921F and 1221F

AXLES FOR ANYWHERE

F Series wheel loaders offer two axle choices: a standard limited slip that works great with non-compacted and slippery surfaces, and optional heavy-duty axles that are perfect for compacted, paved surfaces. Need to use solid tires? No problem. These heavy-duty axles will do the job.



SAVING FUEL WITHOUT SACRIFICING STRENGTH

Because of their variety of applications and varying engine loads, SCR (Selective Catalytic Reduction) technology is the obvious choice for most F Series wheel loaders. Rather than compromise power, SCR lets the engine do what it does best – run at peak performance. This gives the faster throttle response operators want while also maintaining low exhaust temperatures and improving fuel economy by as much as 20%. Plus, SCR is simple. No DPF filters to replace, No Regeneration Exhaust Temperatures, No regeneration downtime. Just pour and go.

*Tier 4 Final engines use SCR and DOC technology and are available on 521F, 621F, 721F, 821F and 921F models



“Running the two loaders side by side in the pit, this CASE loader was getting ahead by six or seven truckloads a day, with the same size bucket. We even swapped operators and had the same outcome, so it’s a no-brainer . . . it’s in the machine.”

— CHAD KING, JD King Corporation



ATTACHED TO VERSATILITY

INTEGRATED HYDRAULIC QUICK-COUPLER

CASE offers an integrated hydraulic quick-coupler on our wheel loaders that lets operators conveniently switch out attachments from the comfort of the cab. Its factory-built design offers improved visibility and won't alter the physics or breakout force of the machine like after-market options will.

140 ATTACHMENTS AND THEN SOME

F Series wheel loaders work with more than 140 CASE attachments, including buckets, forks, brooms and more. CASE also has partnerships with numerous attachment manufacturers for even greater versatility. Consult your dealer for details.

SMARTFIT™ BUCKET TEETH

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.



MAINTENANCE MADE EASY

SERVICEABILITY IS IN OUR DNA

When you invest in CASE equipment, you need it to last. We make it simple. The F Series is no exception. From easy-to-read site gauges, a standard power-tilt hood* and ground-level access to most service points, you can do daily maintenance in a matter of minutes. It's the easiest way to help you get the most performance and longest life out of your machine.

*Manual-tilt hood on 521F



Easy access to everything

- ① Air filter access
- ② Tilt-up hood (Excludes 1221F)
- ③ Engine oil check and fill
- ④ Ground-level fills for fuel / DEF
- ⑤ Grouped grease points
- ⑥ Transmission check and fill
- ⑦ Hydraulic tank site gauge
- ⑧ Mid-mounting cooling module
- ⑨ Jump-start posts (Excludes 1221F)
- ⑩ Ecology drain ports

NO TOOLS NECESSARY

The F Series wheel loaders continue the CASE hallmark of simple serviceability with features like tool-free access to routine maintenance points.

MID-MOUNTED COOLING MODULE

By positioning the cooling module behind the cab, the engine is moved lower and farther to the rear for easier access for routine maintenance. The location dramatically reduces debris build up, and the optional variable speed reversing fan minimizes the need for manual cleaning.



SUPPORT COMES STANDARD

BASE & EXTENDED WARRANTY COVERAGE:

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

2-YEAR/2,000-HOUR EXTENDED 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.

COMMODITY KING



SPECIALTY MODELS AVAILABLE

Select CASE F Series wheel loaders are available with application-specific features such as the 621F and 721F Waste Handler or Commodity King packages. These packages include factory-installed features like protective guards (Waste Handler), heavy-duty axles, solid tires (Waste Handler), and a Heavy Debris cooling system which decreases radiator clogging and maintains its cooling capacity, as well as other specially configured options.

ProCare

GO BIG, WE'VE GOT YOU COVERED

CASE ProCare is the first all-in-one heavy machine support program that's as powerful as the equipment it protects. Best of all, ProCare comes standard on F Series wheel loaders and keeps you covered for up to three full years. It's the assurance growing businesses need to stay competitive, productive and profitable.

Breakdown Assistance

Standard on all CASE equipment.



3-year/3000-hr. Full-Machine Factory Limited Warranty*

We've got your back — for up to three full years!

3-year/3000-hr. Planned Maintenance

Don't spend a dime for CASE-certified scheduled care — fluids, filters and labor included.

3-year Advanced SiteWatch™ Subscription

Telematics isn't a luxury; it's a necessity — and we've made it accessible to all.



STRONGER PRODUCT SUPPORT SOLUTIONS

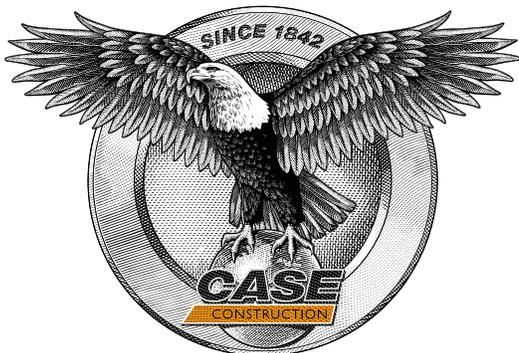
Your CASE dealer knows best how you can maximize your equipment investment and uptime, with genuine CASE parts, expert service and a complete range of product support solutions — including CASE remanufactured and all-makes parts. CASE supports better parts availability and faster deliveries, through 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 that quickly pinpoints machine issues to help maximize uptime.



SPECIFICATIONS AND DIMENSIONS

SPECIFICATIONS USING Z-BAR	521F	621F	721F	821F	921F	1021F	1121F	1221F
Engine	FPT F4HFE413NB	FPT F4HFE613W	FPT F4HFE613T	FPT F4HFE613	FPT F4HFE613	FPT F2CFE614C	FPT F2CFE614B	Cummins QSX 11.9
Emissions Certification Solutions	Tier 4 Final	Tier 4 Interim	Tier 4 Interim	Tier 4 Interim				
Displacement/ Cylinders – in³ (L)	275 (4.5)/4	411 (6.7)/6	411 (6.7)/6	411 (6.7)/6	411 (6.7)/6	531 (8.7)/6	531 (8.7)/6	726 (11.9)/6
Net Peak Horsepower – hp (kW)	131 (98)	162 (121)	179 (133)	211 (158)	242 (180)	296 (221)	320 (239)	351 (262)
Peak Torque – lb-ft (N·m)	424 (575)	510 (692)	674 (914)	845 (1 145)	930 (1 261)	1,064 (1 442)	1,154 (1 564)	1,250 (1 695)
Operating Weight – lb (kg)	22,948 (10 409)	26,712 (12 116)	31,509 (14 292)	38,875 (17 633)	43,778 (19 857)	53,791 (24 399)	59,578 (27 024)	66,800 (30 300)
Bucket Breakout Force – lbf (kg)	19,303 (8 756)	25,426 (11 533)	31,382 (14 235)	35,338 (16 029)	37,553 (17 034)	45,098 (20 456)	49,960 (22 661)	52,360 (23 750)
Full Turn Tipping Load – SAE lb (kg)	14,444 (6 552)	17,655 (8 008)	21,048 (9 547)	25,261 (11 458)	28,757 (13 044)	35,001 (15 876)	39,050 (17 713)	45,945 (20 840)
Bucket Capacity, Range – yd³ (m³)	2.1 - 2.6 (1.6 - 2.0)	2.4 - 4.5 (1.8 - 3.4)	3.0 - 5.5 (2.3 - 4.2)	3.2 - 4.5 (2.4 - 3.4)	3.8 - 4.8 (2.9 - 3.6)	4.6 - 5.5 (3.5 - 4.2)	5.1 - 6.3 (3.9 - 4.8)	6.3 - 9.2 (4.8 - 7.0)
Transmission Gears	4F/3R	4F/3R	4 or 5F/3R	4 or 5F/3R	4 or 5F/3R	4F/3R	4F/3R	4 or 5F/3R
Bucket Size: GP with Bolt-on-Edge – yd³ (m³)	2.3 (1.8)	2.75 (2.1)	3.25 (2.5)	4.25 (3.2)	4.75 (3.6)	5.5 (4.2)	6.25 (4.8)	7.1 (5.4)
Max Material Density – SAE lb/yd³ (kg/m³)	3,140 (1 863)	3,292 (1 954)	3,237 (1 920)	3,046 (1 808)	3,027 (1 796)	3,186 (1 890)	3,123 (1 853)	3,253 (1 930)
DIMENSIONS USING Z-BAR	521F	621F	721F	821F	921F	1021F	1121F	1221F
Height to Top of ROPS	129.0 in (3 277 mm)	133.7 in (3 395 mm)	133.3 in (3 385 mm)	135.8 in (3 450 mm)	135.8 in (3 450 mm)	140.6 in (3 573 mm)	140.6 in (3 573 mm)	152.0 in (3 865 mm)
Maximum Hinge Pin Height	142.1 in (3 609 mm)	150.8 in (3 831 mm)	156.7 in (3 979 mm)	162.3 in (4 123 mm)	162.1 in (4 118 mm)	167.0 in (4 243 mm)	174.9 in (4 443 mm)	179.5 in (4 560 mm)
Dump Height – Fully Raised, 45° Dump	106.8 in (2 714 mm)	112.1 in (2 847 mm)	115.3 in (2 930 mm)	117.4 in (2 983 mm)	114.4 in (2 906 mm)	121.1 in (3 075 mm)	126.0 in (3 201 mm)	130.0 in (3 300 mm)
Operating Height – Fully Raised with Spillguard	184.0 in (4 673 mm)	195.1 in (4 956 mm)	205.9 in (5 229 mm)	216.4 in (5 496 mm)	219.8 in (5 583 mm)	228.4 in (5 800 mm)	240.9 in (6 120 mm)	248.0 in (6 295 mm)
Bucket Reach – Fully Raised, 45° Dump	39.9 in (1 013 mm)	38.1 in (969 mm)	44.3 in (1 125 mm)	43.6 in (1 107 mm)	47.0 in (1 194 mm)	49.8 in (1 265 mm)	50.1 in (1 273 mm)	56.3 in (1 430 mm)
Wheelbase	108.3 in (2 750 mm)	114.2 in (2 900 mm)	128.1 in (3 253 mm)	131.5 in (3 340 mm)	131.5 in (3 340 mm)	139.8 in (3 550 mm)	139.8 in (3 550 mm)	146.0 in (3 700 mm)
Overall Length – Bucket Level on Ground	263.2 in (6 684 mm)	288.0 in (7 315 mm)	301.1 in (7 648 mm)	309.4 in (7 859 mm)	314.0 in (7 976 mm)	350.1 in (8 892 mm)	359.0 in (9 119 mm)	379.0 in (9 630 mm)
Ground Clearance	14.8 in (377 mm)	14.6 in (370 mm)	14.4 in (365 mm)	16.4 in (416 mm)	16.4 in (416 mm)	17.1 in (435 mm)	16.9 in (429.5 mm)	19.5 in (495 mm)
Overall Width without Bucket	99.3 in (2 523 mm)	99.3 in (2 523 mm)	104.4 in (2 653 mm)	113.6 in (2 885 mm)	113.6 in (2 885 mm)	117.7 in (2 990 mm)	117.7 in (2 990 mm)	126.8 in (3 220 mm)
Angle of Departure	34°	27°	32°	32°	30°	26°	26°	23°

Specs shown with ISO standards.



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 350 North American dealer locations, thousands of OEM, remanufactured and Gold Value™ 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.



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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.