

Reduced costs.
Reduced downtime.
Reduced environmental impact.

For once in our 80 year history, we've actually lowered the bar.



Featuring new, high-efficiency diesel engine technology:

CX50, DX50, EX50

ECOT3
ecology & economy - technology 3

KOMATSU[®]

As operational costs continue to climb, smart companies are looking for new ways to stretch their dollars. The big challenge comes in creating these savings without sacrificing on-the-job performance.

The new heavyweight line-up of forklifts from Komatsu will help you meet the challenge.

Featuring an innovative, compact 3.3 liter diesel engine (CX50 and DX50 models), these forklifts deliver big performance in a smaller package, helping save up to 20% on total fuel consumption. Combined with new hydraulic and brake system designs — and upgraded components from our heavy equipment division — they deliver the improved durability and reliability to get the job done. And yes, they are environmentally friendly too, reducing the amount of CO₂ emitted into the environment annually by more than 7.2 tons!

EPA Tier 3/EU Stage IIIA
Emission Compliant



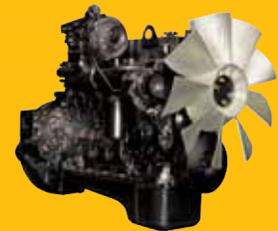
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Komatsu's compact 3.3 liter diesel engine and innovative designed hydraulic systems combine to reduce fuel consumption by up to 20% — and CO₂ emissions by more than 7.2 tons per year.

20% less fuel. 20% fewer emissions.

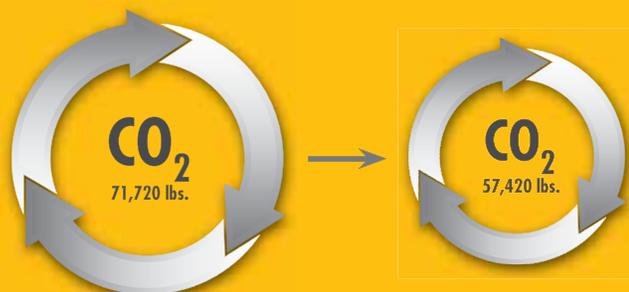
It's fiscal responsibility and environmental responsibility all engineered into one. And after more than 80 years in heavy equipment design, Komatsu understands the demands and performance requirements of the work environment. This new 3.3 liter diesel line has the strength to meet your toughest application needs — with lifting capacities from 8,000 to 18,000 lbs. Larger capacity models (22,000 to 35,000 lbs.) in the EX50 family utilize the larger, fuel efficient Komatsu 6.7 liter diesel engine to deliver similar cost saving advantages.

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Powering the EX50, Komatsu's clean diesel engine dramatically reduces NOx and PM in the exhaust while offering full performance and power in the most severe conditions.

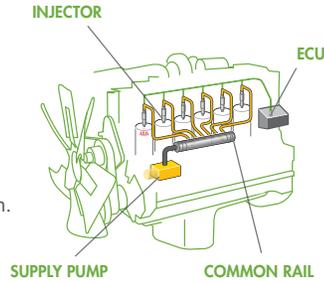


* Komatsu tested data. Comparison with FD50A-8 model. The results may vary depending on conditions.

FIVE INNOVATIONS. ONE SMART FORKLIFT.

• Heavy Duty HPCR System

High pressure compressed fuel is stored within the engine in an accumulator chamber called a common rail. The fuel is injected into each cylinder at the proper time by an ECU (Electronic Controlled Unit). This HPCR (High Pressure Common Rail) system optimizes fuel burn and greatly reduces fuel consumption.



• New Combustion System

The unique shape of the combustion chamber at the top surface of each piston facilitates complete fuel burning by optimizing conditions, timing and amounts of fuel injection. This helps reduce NOx and PM in the exhaust, while also reducing fuel consumption.

• Closed-Center Load Sensing System (CLSS) for hydraulics (CX50 Model Family)

CLSS automatically detects the hydraulic load and supplies only the appropriate amount needed for the job via a variable displacement pump. The system eliminates the loss of hydraulic oil and reduces engine load, allowing for better strength and performance, even at lower RPMs.

• Open-Center Load Moderating System (OLMS) for hydraulics (DX50 Model Family)

OLMS utilizes an engine RPM sensing dual pump system to detect engine revs and control the oil feed to reduce load on the engine. This unique hydraulic system offers optimized balancing of traveling and loading work, while delivering increased hydraulic efficiencies, reduced engine loading and reduced fuel consumption.

• Komatsu Wet Disc Brake Systems

With a sealed wet disc brake system and dedicated brake oil cooling, Komatsu wet disc brakes deliver consistent and stable braking performance in the most demanding work environments. Overall downtime and maintenance costs are greatly reduced delivering lower operating costs over the life of the forklift.



REDUCED TOTAL COST OF OWNERSHIP

With new and innovative diesel engine designs, advanced CLSS and OLMS hydraulic technologies, sealed wet disc brakes that can withstand 10,000 hours of operation with little more than routine preventive maintenance, and extended time between required maintenance, the savings start to add up quickly.



** Komatsu tested data. Comparison with FD50A-8 model. Operation hours: 5h/day 25 days/month (Total: Approx. 1500 h/year). Maintenance intervals to manufacturers' recommendations. The results may vary depending on conditions.



Now imagine using less fuel while enjoying more benefits, including:

- Improved durability and reliability with upgraded components engineered from Komatsu's heavy equipment expertise
- KOPS Plus Operator Presence System that locks out operation if the seat is vacant for more than 3 seconds
- Dual floating operator compartment and drive train to greatly reduce vibration and operator fatigue
- A unique blend of power, performance, ecology and economy through the responsible use of new technologies



CX50: 8,000 – 11,000 lbs.



DX50: 13,200 – 18,000 lbs.



EX50: 22,000 – 35,000 lbs.



DEPENDABLE DEALER NETWORK

Komatsu Forklift has over 195 dealer locations throughout the United States, Canada, Mexico, the Caribbean, and Central and South America. Komatsu dealers are staffed with dedicated teams of professionals who are trained to meet your forklift needs.



THE KOMATSU HERITAGE

As part of the Komatsu family, we have a proud heritage of excellence and superiority in equipment design and manufacturing. Since 1921 Komatsu has been a global leader in the construction and mining equipment industry. And since 1945, we have built upon that heritage by producing innovative, high-quality, durable forklifts to meet and exceed the needs of our customers. Today our ISO 9001- certified plant in Covington, Georgia builds forklifts for North and South America, Canada, Mexico, and Latin America.



STRONG CUSTOMER SATISFACTION

Komatsu Forklift has a strong corporate commitment to produce, deliver and support quality products, and we have always made customer satisfaction our top priority. We will work to the best of our ability to help you maximize your operation's productivity while minimizing costs.

QUALITY PRODUCTS & SERVICES

Komatsu Forklift offers an expanding product line of over 120 electric and internal combustion engine forklift models with capacities from 2,000 to 35,000 pounds. We back them with a complete warranty program, superior service, and genuine OEM parts.

CONTACT YOUR DEALER TODAY

Your nearby Komatsu Forklift dealer is ready to assist you. Ask about financing and leasing programs that can be tailored to your business plan. Forklifts for your specific applications and workplace are waiting for you now.

KOMATSU®

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YOUR AUTHORIZED DEALER OF KOMATSU FORKLIFTS



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