

Cat[®] Machines Are Your Fuel Efficiency Leaders

Cat machines have always been known for productivity. See how several of our North America Tier 4 Interim and Tier 4 Final models are earning a reputation for fuel efficiency—getting more work done with each unit of fuel.



Production is measured in tons or cubic yards per hour.
Fuel consumption is measured in gallons per hour.
Fuel efficiency is measured in tons or cubic yards per gallon.

Model	Power Mode	Production	Fuel Consumption	Fuel Efficiency	Application
930K	-	3%	15%	14%	Truck loading
Deere 544K	-	tons/hr	gal/hr	tons/gal	
938K	-	16%	7%	21%	Truck loading
Deere 624K	-	tons/hr	gal/hr	tons/gal	
938K	-	5%	4%	7%	Truck loading
Volvo L90G	-	tons/hr	gal/hr	tons/gal	
950K	Standard	13%	6%	21%	Truck loading
Deere 644K	Standard	tons/hr	gal/hr	tons/gal	
980K	Standard	5%	9%	16%	Truck loading
Komatsu WA500-7	Standard	tons/hr	gal/hr	tons/gal	
D6T XL	-	6%	2%	9%	Slot dozing
Deere 850K	-	BCY/hr	gal/hr	BCY/gal	
D6K2 LGP	-	11%	16%	32%	Fine grading
Deere 700K LGP	-	BCY/hr	gal/hr	BCY/gal	
320E L	Standard	8%	3%	11%	Truck loading
Komatsu PC210LC-10	P	tons/hr	gal/hr	tons/gal	
336E	Standard	6%	13%	21%	Truck loading
Deere 350G	Standard	tons/hr	gal/hr	tons/gal	
773G	P	0%	15%	19%	Hauling
Komatsu HD465-7*	P	tons/hr	gal/hr	tons/gal	
420F IT	-	16%	4%	21%	Truck loading
Deere 310SK	-	LCY/hr	gal/hr	LCY/gal	
420F IT	-	7%	6%	13%	Trenching
Case 580 Super N	-	BCY/hr	gal/hr	BCY/gal	

* Tier 3

Caterpillar[®] defines fuel efficiency as the amount of work done by the amount of fuel used, measured in tons or cubic yards of material moved per gallon of fuel consumed. Caterpillar conducted machine test comparisons in conditions using protocols for consistency and accuracy. Real world results may vary based on a number of factors, including machine application, operator technique, idle time, and machine configuration. Comparisons were completed in North America using machine models available as of the date of testing and may not be indicative of results that would be achieved with future models. Results may differ for other models, lower tier equipment, and equipment intended for other markets. Certain applications and uses outside normal machine design parameters may not conclude with similar results.

