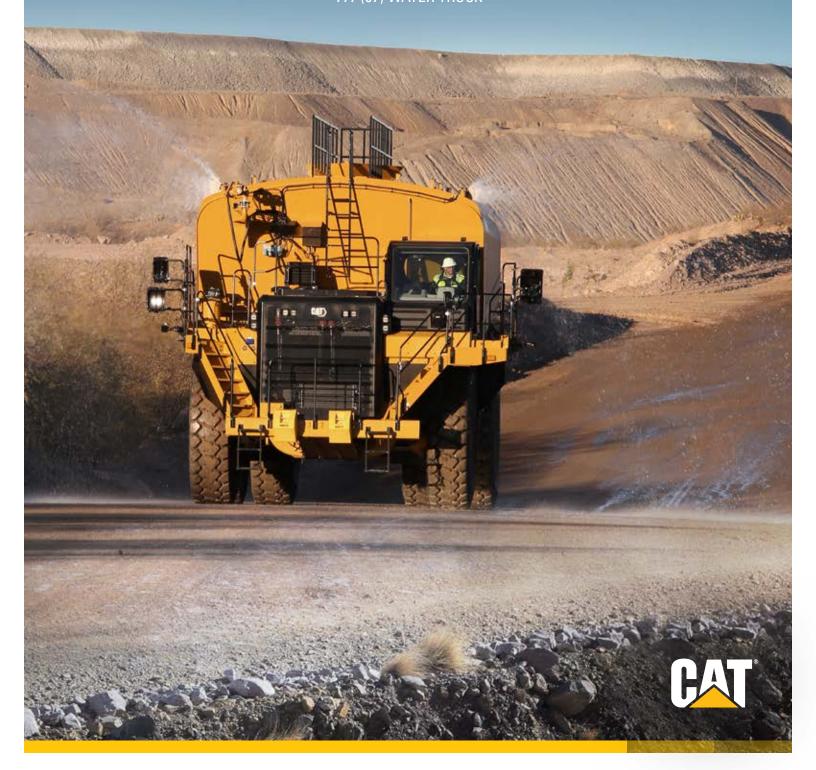
CAT® WATER SOLUTIONS

Defeat dust. Now you're in control.

777 (07) WATER TRUCK



What comes to mind when you think about the worksite? Dump trucks hauling loads of material, the boom of dynamite blasting through rock, or the dust levels that decrease visibility?

THE CHALLENGE: D 3

Haul road dust can impact safety and productivity.

That's why Caterpillar is now offering a fully integrated solution to control dust – connected and backed by the one you trust.

A water truck may be one of the most important pieces of equipment at your site — and the support you need is just as important.

Integrated water solutions help you reduce haul road dust, solve overwatering / underwatering issues, and manage your site more safely, productively, and sustainably – with scalable levels of technology and support from the Cat® dealer you know and trust.

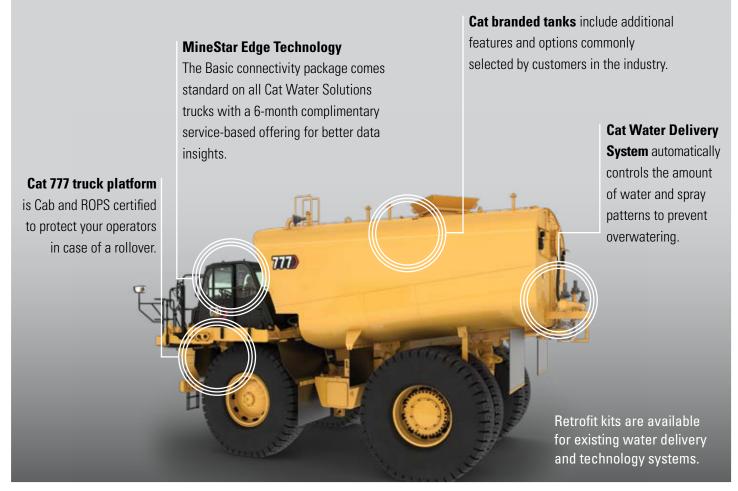
THE ANSWER: CAT WATER SOLUTIONS

Whether on a construction site, in a quarry, or at a mine site, the 777 has been a proven performer around the world. That's why we chose this truck to be the first to deliver an integrated Cat Water Solution – combining a truck, tank, and sprayer system with flexible levels of connectivity through Cat[®] MineStar Edge[™].

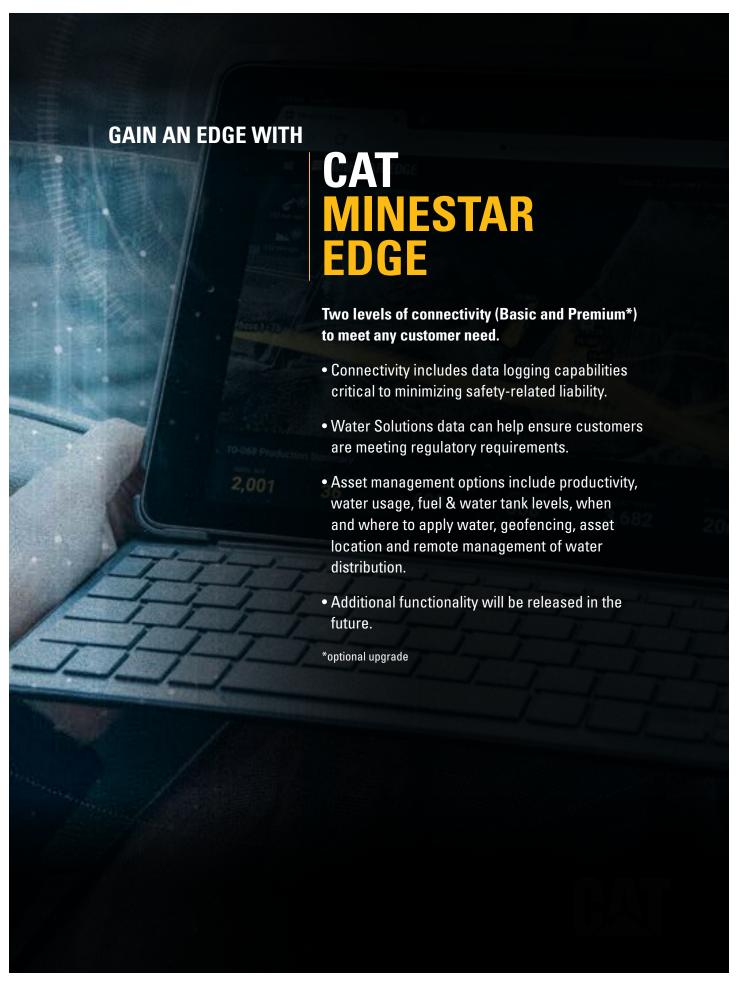
Defeat Dust. Control Cost. Gain an Edge.











BASIC CONNECTIVITY:

Edge Equipment Tracking

Edge Equipment Tracking will not interfere with existing fleet management systems. And tracking capabilities are available without the need for infrastructure investment. Equipment Tracking provides insights that help mines better manage their assets, and as a result they deliver more value and mines enjoy a lower overall cost of ownership.

Features include:

- Service Meter Readings
- Fueling & Recording
- Location Accuracy & Replay
- Time Utilization Tracking, Downtime & Operator Tracking
- Automatic Stoppage Measurement
- Health Event Record

PREMIUM CONNECTIVITY:

Edge Production Recording

From payload to dig rates to operator breaks—
every activity has an impact on productivity and
an opportunity to be improved. MineStar Edge
Production Recording helps you find those
opportunities by giving you visibility to your entire
mining operation. When paired with Equipment
Tracking, it delivers an accurate and automated
near-real-time solution that measures and reports
on every aspect of the load-haul-dump cycle
without requiring any operator input.

Features include:

- Summary of Production Progress in Shift
- Drill Down / Spin the World
- Production Projections
- Production Record / Water Circuits Traveled
- Water Application and Tank Fill Time Cycles



777 (07) Water Solutions Truck Tank Configurations

Multiple tank configurations are offered based on customer preference and regional locations.

	TRUCK SPECIFICATIONS			
Bare Chassis Weight	52 262	kg	115,217	lb
Fuel tank capacity	1136	L	300	gal
Fuel tank - 100% fill	955	kg	2,106	lb
Target Gross Machine Weight (GMW)*	164 654	kg	363,000	lb
	TANK: AMERICAS, EUROPE, AFRICA, MIDDLE EAST			
Water Tank Capacity	75 700	L	20,000	gal
Water Tank - Max Empty Weight (no WDS)	20 000	kg	44,092	lb
Empty Machine Weight (with water tank)	72 262	kg	159,310	lb
Machine Weight with water tank full	148 762	kg	327,964	lb
Empty Machine Operating Weight (without water / with fuel)	73 217	kg	161,416	lb
	TANK: GLOBAL			
Water Tank Capacity	75 700	L	20,000	gal
Water Tank - Max Empty Weight (no WDS)	20 412	kg	45,000	lb
Empty Machine Weight (with water tank)	72 674	kg	160,217	lb
Machine Weight with water tank full	148 719	kg	327,867	lb
Empty Machine Operating Weight (without water / with fuel)	73 629	kg	162,323	lb
	TANK: AUSTRALIA / NEW ZEALAND			
Water Tank Capacity	75 400	L	19,900	gal
Water Tank - Max Empty Weight (no WDS)	19 497	kg	42,983	lb
Empty Machine Weight (with water tank)	71 759	kg	158,201	lb
Machine Weight with water tank full	147 172	kg	324,458	lb
Empty Machine Operating Weight (without water / with fuel)	72 714	kg	160,307	lb

NOTE: Machine weights based on configuration. *Target GMW not to exceed weight in above table after attachments are installed.

For truck rimpull and retarding curves, please reference the 777 (07) Off-Highway technical specifications document.



THE TRUCK Cat Truck Platforms 777 / 785 / 789

Features Include:

Application-specific Cab and ROPS certification for operator safety

Braking/retarding systems to provide operator focus on the job

Hallmark Caterpillar durability, reliability, and efficiency

Engine emissions to meet regional requirements

Integrated systems enable fuel savings

Eligible for Equipment Protection Plans (EPP) & Customer Value Agreements (CVAs)

THE TANK



Features Include:

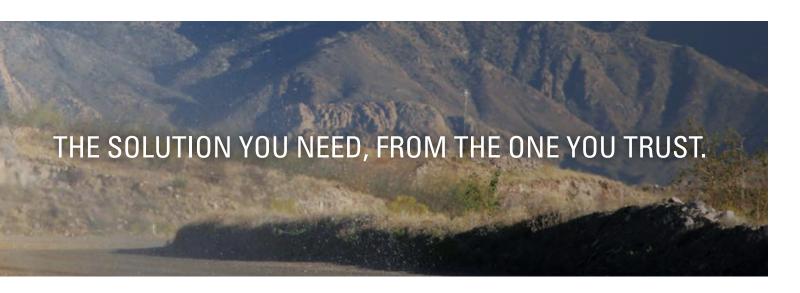
Splash guards, fill chute, rock ejectors

Hoist capability for maintenance access

Safety features include tie-offs, access ladders, camera system

Cat dealer installation

Caterpillar Factory Standard Warranty



THE CAT WATER DELIVERY SYSTEM



Features Include:

Self-contained hydraulic system controls spray patterns for consistent water coverage regardless of engine RPM

Capable of spraying up to $0.8 L/m^2$ ranging from 3 to 25 mph (5 to 40 kph), covering an 80 foot (24 m) wide road in one pass

Variable water flow based on truck speed with automatic start and stop

Water cannon operates at idle

Pump features soft startup and shuts off automatically when the tank is empty

Factory-installed, integrated and durable ergonomic cab controls

THE TECHNOLOGY



Features Include:

Cloud-based application

Dedicated software and product support team

Service-based offering by site or by asset

Flexible levels of connectivity: choose from Basic or Premium packages



(07) WATER TRUCK

CONTROL DUST • INCREASE VISIBILITY • REDUCE RISK

FOR SMARTER, SAFER, MORE PRODUCTIVE OPERATIONS

Visit Cat.com/WaterSolutions for more information.

LET'S DO THE WORK."

PEDJ0849-03 (Build Number: 07B)

 $For more complete information on {\tt Cat}\ products, dealer\ services\ and\ industry\ solutions,\ visit\ us\ at\ www.cat.com$

Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Cat dealer for available options.

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