SIX WAYS AUTONOMOUS HAULAGE BUILDS YOUR BOTTOM LINE

Using advanced sensing and onboard intelligence technologies, Cat® 793F CMD Mining Trucks load, haul and dump without an operator on-board—helping to control costs and boost production. Here's what one customer had to say after deploying a fleet of 47 Cat autonomous haul trucks: "We are getting around 20% over and above what we would get from a regular fleet of trucks of the same type."*

Here are six ways Cat Command for hauling makes your operation safer, more productive and more profitable.

1 ENHANCE SAFETY & REDUCE INJURIES

Redundant safety systems built into Cat autonomous haul trucks ensure predictable operation at all times. They can work safely with manned machines and light vehicles, even in demanding mine site conditions.

2 RUN SMART AT ALL TIMES

Autonomous operation ensures that trucks always stay within the optimum operating parameters. Consistent operation helps to reduce fuel burn and gives you maximum lifetime value at a lower owning and operating cost.

TONNES SAFELY HAULED BY AUTONOMOUS TRUCKS:

800,000,000
AND COUNTING

Ever since Cat autonomous haul trucks first hit the ground on customer mine sites, they have proven to be productive, efficient and safe.

These numbers tell the story:

120+
CAT 793F CMD TRUCKS ON CUSTOMER SITES

5+
YEARS IN OPERATION

800+
MILLION TONNES SAFELY HAULED

0
LOST-TIME INJURIES

3 MAINTAIN NEAR-CONTINUOUS OPERATION

Autonomous trucks maintain near-continuous machine utilization by eliminating the need for breaks and shift changes. They continue to work in poor weather and visibility conditions that might shut down manned operations.

4 IMPROVE SERVICE & MAINTENANCE

Autonomous trucks can be scheduled to bring themselves in for preventive maintenance, keeping service schedules on track. Using sophisticated onboard technologies to monitor their own health and condition, they can alert service personnel as soon as they detect an issue needing attention.

5 ENABLE ADVANCED ASSIGNMENTS

Cat autonomous trucks evaluate assignments prior to intersections and, if needed, will reroute to a more efficient destination. Mine controllers can instantly implement reassignments or alter mine maps to meet evolving operational needs. Production continues uninterrupted, letting you see any changes immediately.

6 ATTRACT & RETAIN THE BEST PEOPLE

Controlling truck operations from an off-site command center allows more of your workforce to remain in developed areas, improving employee retention and helping to attract new employees.

For more information, go to www.cat.com/minestar or contact your local dealer.

*Source: https://au.news.yahoo.com/thewest/wa/a/32157604/caterpillar-driverless-trucks-pay-off-for-fmg/#page1)

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