

Cat[®] COMMAND

for Loading



SAFE AND EFFICIENT LOADING NO MATTER THE CONDITIONS

Every jobsite has unique challenges. Don't let hazardous loading conditions threaten your productivity.

- Command uses wireless technology and on-board electronic systems to allow your wheel loader to be controlled without an operator in the cab.
- Reduce risk of injury in potentially hazardous mining and quarry and aggregates applications, including:
 - High wall/edge operation
 - Slide and vehicle recovery
 - Stockpile feeding
- Command integrates directly with Cat[®] wheel loader electronic and hydraulic systems for improved reliability.
- Convenient command console enables line-of-sight machine control up to 400 meters (437.4 yards), giving the user complete control of the machine at a safe distance from hazardous working conditions.
- To ensure reliable communication and maximum security, the console and on-board transceiver use spread spectrum technology to virtually eliminate interference from other wireless devices.



360° Visible Beacons and Roof-mounted Antennas



Command Console



Fingertip Controls and Active Display



COMMAND



> BOOSTED EFFICIENCY

- Experience minimal machine downtime with simple installation procedures to implement system.
- Command uses existing hydraulic valves and electronic harnessing for increased reliability.
- Information from command console is sent directly to the machine via a dedicated radio, for the same control and response time as if the operator were sitting in the cab.
- Gives complete control with access to advanced features offered on Cat machines, such as Autodig.

> ENHANCED SAFETY

- Command removes the operator from potentially dangerous areas, such as high walls, stockpiles, steep slopes, unstable surfaces, and areas with hazardous materials or falling debris.
- Multiple redundant safety features ensure the user remains in control of the machine at all times.
- Machine shutdown is activated if stop switch is pressed, wireless communications are lost, a severe fault is detected, or the console is tipped more than 60 degrees from normal operating position.

> DEEPLY INTEGRATED

- Rugged, roof-mounted electronics enclosures protect the antenna, indicator lights, and wireless receiver from damage.
- The ground level service center contains a remote/manual switch and an engine shutdown switch, as well as an optional ladder and delayed lighting switches.
- A wireless transmitter/receiver is used to communicate between the command console and the remote-control electronics located on the machine.

> EASY-TO-USE CONSOLE

- Command console is unique to each system, preventing accidental activation.
- Ergonomic layout and familiar control icons allow for easy access to basic machine functions, including start-up/shutdown, gear selection, rack/dump and lift/lower, as well as advanced options.
- Receive critical machine and system status information directly through the command console.
- LED indicator lights and display show the user the gear selection, temperatures, operational mode, faults, system status, and low battery warning.
- Lightweight command console is designed to help users stay comfortable throughout an entire shift.

For more information and model availability, please consult your local Cat dealer.



www.cat.com

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