



SAFER, MORE PRODUCTIVE OPERATION

Line-of-Sight | Teleremote | Automation

A photograph of a yellow wheel loader and a yellow dump truck at a quarry. The wheel loader is in the foreground, and the dump truck is behind it. A large red triangle is overlaid on the right side of the image, containing the text "REMOTE CONTROL SURFACE LOADERS".

REMOTE CONTROL
SURFACE LOADERS

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Loader operators are often required to operate in unstable or high risk environments. RCT can convert loaders to remote control which removes the operator from the driver seat - enabling them to tackle the more hazardous tasks without the risk of injury; making them more confident and productive. RCT remote control solutions allow remote operation of loaders from a distance away with greater overall vision of the surrounding work area. Business risk is managed and production continues.

BENEFITS

- Improves operator safety in high risk operating conditions
- Maximizes loader utilization
- Ensures greater overall operator vision for more effective operation
- Improved ergonomic operating environment for increased operator comfort
- Easy to operate and maintain in unstable conditions

REMOTE PACKAGES

Although RCT has been delivering remote solutions for over 30 years, within the last 10 years, RCT has successfully engineered and installed Remote Control Packages for the following surface loaders:

Teleremote Package

- Caterpillar 963D
- Caterpillar 992G
- Caterpillar 993K
- LeTourneau L1850

Line-of-Sight Package

- Caterpillar 980G
- Caterpillar 980H
- Caterpillar 988B
- Caterpillar 988H
- Caterpillar 992G
- Caterpillar 993K
- Caterpillar 994H
- Komatsu WA 470-1
- Komatsu WA 470-5

Countries installed:

- USA
- Australia
- Chile
- Indonesia
- Kazakhstan
- Papua New Guinea
- Russia
- South Africa

RCT's remote packages are also customizable for any make or model of dozer.

ACCREDITED TRAINING

RCT offers a range of accredited training courses specifically designed to provide Line-of-Sight operators with the proficiency required for safe and efficient use, ensuring the highest level of productivity is achieved from their loader operation.

Technical and Product Support training is available to all RCT's Line-of-Sight remote control customers, this ensures all remote control components are maintained to the highest standard.

Higher level courses are offered to provide the necessary skills for maintenance staff to correctly service and perform first level repairs to the remote control equipment.

TYPES OF APPLICATION

RCT has pioneered remote control solutions for loader applications for over four decades. RCT's remote package is ideal for the safe operation of loaders in the following applications:

- Truck Loading
- Crusher Feed
- ROM Feed
- Ordnance Removal
- Clean Up
- Fire Control
- Rehabilitation Works



RCT'S REMOTE LOADER SOLUTIONS INCLUDE:

LINE-OF-SIGHT PORTABLE RADIO REMOTE



RCT's ControlMaster® ATX2200 remote transmitter is lightweight, robust and ergonomic, which enables Line-of-Sight loader operators to work more productively for extended periods of time.

TRAILER CABIN



The ControlMaster® Remote Control Trailer Cabin (RCTC) is a custom engineered solution designed to provide remote control operators with an ergonomic, safe and productive, portable working station. The RCTC provides semi-panoramic view of the remote controlled machine, improved noise suppression and a climate controlled work environment.

FULL TELEREMOTE CONTROL



The ControlMaster® Teleremote Loader Solution allows the operator to control the loader from a safe location away from the hazardous area.



This improves operator safety and machine productivity by placing the operator in the optimum control location.



The communication between machine and operator is achieved by a secure radio and video antenna network.

A control solution can be custom designed to suit the customers' unique requirements.

AUTOMATION



This smart technology automates operations of mobile equipment in dangerous situations. Providing consistent, reliable operations that boost productivity and safety while keeping your fleet in action longer. The equipment is automatically controlled by the system, with the help of collision avoidance technology, keeping the machine on the right path avoiding major obstacles.

Automation takes the stress out of operating machines on repetitive and unsafe tasks, resulting in safer operation, less fatigue, less machine downtime, and significant gains in productivity.





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