

# ROOF BOLTER

Cattron™

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## HIGHLIGHTS

- Housing made of impact-resistant epoxy-coated extruded aluminum with rubberized metal plates for harsh mining environments
- Push to Operate (PTO) safety bar
- MSHA-approved

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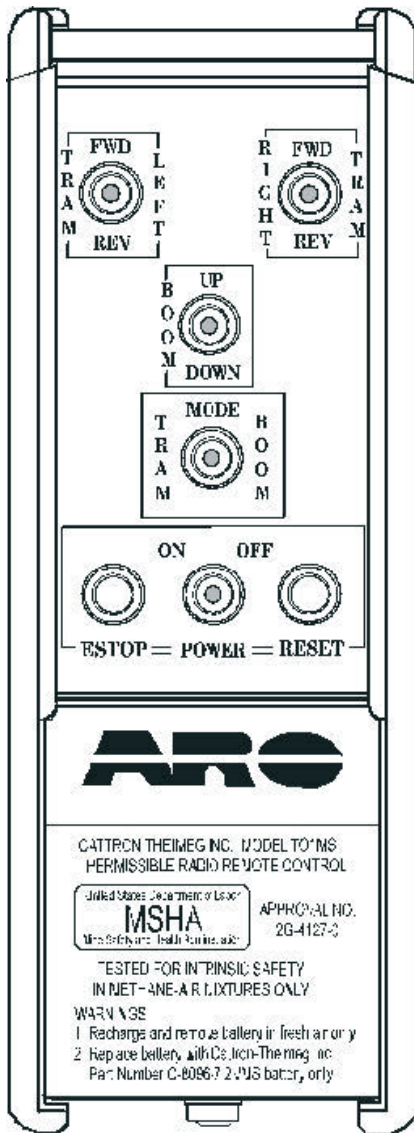
## FEATURES

- Multi-color status LEDs for battery status

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## APPLICATIONS

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### POWER ON/OFF SWITCH

When the switch is set to 'ON', internal battery power is applied to an RF transmitter within the toggle controller.

### STOP PUSHBUTTON

This momentary pushbutton stops all functions and is the quickest way to shut down the Machine. Once pressed to stop all machine motion, the POWER ON/OFF Switch must be turned 'OFF' then back to 'ON' to resume operation of the machine.

### RESET PUSHBUTTON

This momentary pushbutton is used to reset the system and must be pressed after turning the POWER ON/OFF Switch to 'ON' and before pressing the PTO Bar and any other motion switches.

Each time the controller is powered 'OFF' then back to 'ON', the RESET Pushbutton must be pressed initially before any motion commands will work.

### PUSH-TO-OPERATE (PTO) BAR

This bar is a large, full length, spring-return switch located on top of the unit that is used as a safety device that electronically disconnects all motion switches when it is released, thus stopping motion commands from these switches.

The switch is easily and naturally activated by a convenient and comfortable part of the operator's hand and must be pressed before and held when commanding movement of the 'TRAM' and the 'BOOM'. It should be noted that operation of the PTO bar is not required to select 'TRAM MODE' or 'BOOM MODE'.

### TRANSMIT & LOW BATTERY LED

Located on top of the controller, this LED is part of the battery management system and flashes green when the controller's Power ON/OFF Switch is set to 'ON' and the controller is transmitting with a good battery installed. The LED flashes red when the battery is low and sounds a beeper to alert the operator. In addition, a low battery cut-off circuit stops the controller micro-processor when voltage goes below safe operating range. This is because RF transmitters always operate at full power over the entire life of the battery.