

Long Distance Application Controls

Why BTI?

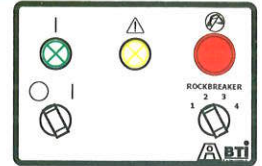
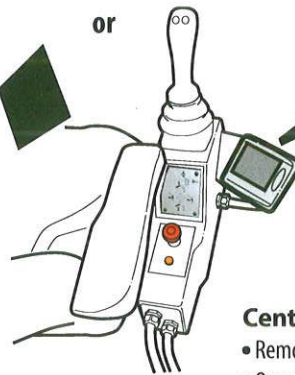
- OEM controls for OEM machine
- Customized program and interfacing for site process integration and safety requirements
- High quality control and video, no delays
- Build for harsh environments (mining)

Central Control Room IP Surveillance



Optional Dual Grip Remote
(in place of seat controls)

or



Central Control Room

- Remote control - Control multiple rockbreakers (selector switch for 4 rockbreakers)
- One operator runs multiple crushing stations
- Better and safer operator utilization – away from underground hazards
- Long distance control 100m up to 40 km.
- Remote monitoring of rockbreaker and power pack

Ergonomic Seat Joystick Control

Data transmission via fiber optics, Ethernet or fieldbus

Local Control Station

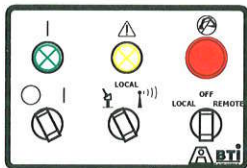
- Stand-alone and independent local control system
- Local monitoring and diagnostics of system
- Permits remote control via Local/Off/Remote selector switch

Camera System (per rockbreaker system)

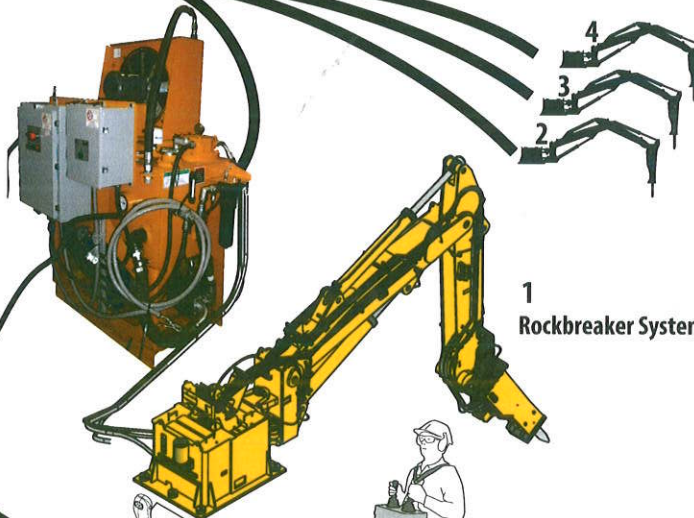
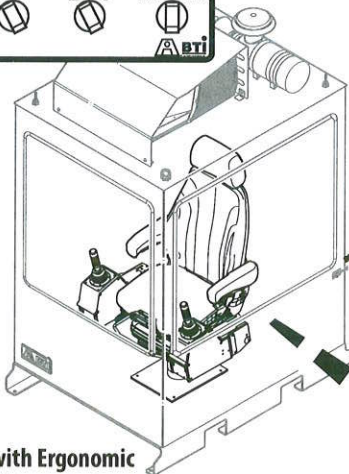
- Three Ethernet IP cameras; colour, auto focus, auto iris, digital PTZ (pan tilt zoom), outdoor rated
- Control panel c/w PoE Ethernet Switch dedicated for cameras only
- Camera software included
- Typically 1 monitor per rockbreaker, 2 minimum
- 1 desktop PC per remote control station



Camera and
Microphone



Cab with Ergonomic Joystick Control



1
Rockbreaker System

Joystick
Control Stand

Portable Control

30300-ENG-0714

BREAKER TECHNOLOGY an Astec Industries Company

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