CATTRON™ GROUP INTERNATIONAL

MINING RRODUCTS & SERVICES

Dozer Remote System

The Cattron Dozer portable radio remote control system provides reliable, efficient and convenient control of Dozer equipment. The Cattron control duplicates the manual controls in the cab of the Dozer, allowing the operator to direct the equipment from a safer location.

Joystick Controllers

- Quick response
- Accurate, secure radio control
- CE, FCC and DOC approved (contact the factory for information on other approvals)
- Microprocessor control
- Extensive self diagnostics
- Long battery operating life (NiCad rechargeable or alkaline)
- Dustproof, waterproof high impact housing

Increase Productivity and Reduce the Possibility of Vehicle Accidents with Cattron Portable Remote Control.

Receiver/Decoders

- Designed to be mounted on high vibration mining machinery
- Solid State, Proportional/Analog, and Electromechanical interfacing capabilities
- Systems also available with custom PWM (pulse width modulation)
- Up to 96 outputs allow for complete customization
- Multiple operators may use a single frequency (RF version only)
- Operate from approx. -4°F to +140°F (-20°C to +60°C); RH 0 to 95%, non condensing; special temperature units available
- Frequency: (Crystal & Synthesized): UHF/VHF

CATTRON™ REMTRON theimeg™ siamtec

Safety Features

- Verification of output commands through external monitoring
- Two stage Automatic Safety Override (ASO) disables only the faulty portion of the machine control
- High message data security with data error checking (BCH)
- Simultaneous and independent data signal processing of all incoming commands by two separate microprocessors
- Complete diagnostics on power-up
- Individually fused and isolated outputs
- Multiple watchdog timers ensure no motion is carried out without command (total of five-two hardware, three software for CPU, Mainline and motor functions)

Functional Features

- Systems provided with a completely customized installation, troubleshooting, and maintenance manual
- Accessible components allow for ease of maintenance
- Can be used with a variety of existing interfaced devices and a wide variety of equipment
- Suitable for hydraulic, electrical, automated and semi-automated control system applications.

* Specifications are subject to change or revision without notice. Consult the factory for verification.

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www.cattrongroup.com

Cattron Group International World Headquarters (Sharpsville, PA, USA)
ISO 9001: 2000 Registered Tel: (+1) 724-962-3571 mail@cattron.com

Cattron Group International (Escondido, CA)
Tel: (+1) 760-737-7800 mail@cattron.com

Cattron-Theimeg Canada Ltd. (Georgetown, ON)
ISO 9001:2000 Registered Tel: (+1) 905-873-9440 salescdn@cattron.com

Cattron-Theimeg UK Ltd. (Walton-on-Thames, UK)
BSEN/9001:2000 Registered Tel: +44(0)1932-247 511 sales@cattronuk.com

Cattron-Theimeg Americas Ltda. (São Paulo, Brazil)
Tel: (55) 19-3243-7803 cattronamericas@cattron.com

Cattron-Theimeg Europe GmbH & Co. (Mönchenglabach,Germany)
ISO 9001:2000 Registered Tel: (49) 2161 6363-0 info@theimeg.de

Cattron-Theimeg Africa (PTY) Ltd. (Johannesburg, South Africa)
Tel: (27) 11-425-1123 imitchell@cattron-theimeg.com

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