

Digital Knocker Line DSH 3000



The Digital Knocker Line DSH 3000 supports vertical work in mining

As a required secondary system for shaft communication and signalling systems (FTS system), as a stand-alone solution for revision work and as a company radio system for simultaneous voice transmission.



Still questions?

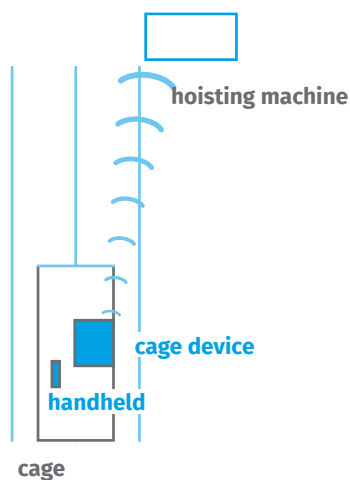
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Digital Knocker Line DSH 3000

The stationary radio system „Digital Knocker Line DSH 3000“ is a vertically operating radio system specialised for the requirements in mining. It enables simultaneous, safe and stable wireless transmission of signals and voice from the cage to the hoisting machine. The DSH 3000 is used either as a secondary system to the FTS (shaft communication and signalling system) or as a signaller during shaft revision work and simultaneously as the company's own radio system in intercom mode. As a TAS-compliant system, it meets the safety standard in the German mining industry and thus contributes to smooth and safe operations. Special requirements such as a transmission of an emergency stop or a move blocking signal complete the wide field of applications.

Overview:

- > **2 operating modes:** as a knocker line with voice function or as a company radio system for two-way communication (even without active use of the knocker line mode, signal transmission prioritised by means of TDMA time slot method)
- > **Second system to the FTS:** concentrated control unit with impact signals for operating the cage control/ for operation during inspection work
- > **Wide field of application:** scalable to your requirements; interface for signal transmission to higher-level shaft hoisting equipment control system
- > **Control:** the active device for signal transmission (knocker line) is automatically checked for accessibility
- > **Convenient:** intuitive and easy-to-understand operation of the terminal devices, large operating buttons
- > **Tested:** TAS compliant, CE certified



Features:

- > Blocking switch transmits the signal to block the cage drive
- > Emergency stop function requests emergency stop from the hoist control
- > Large control buttons for easy handling (even with gloves)
- > Highly visible coloured signal LED
- > State-of-the-art LED and microcontroller technology
- > IP65 is dust-tight, has full protection against contact and is protected against water jets from any angle
- > Operating time with one charge over 8h (at 80% standby, 20% SE operation)

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