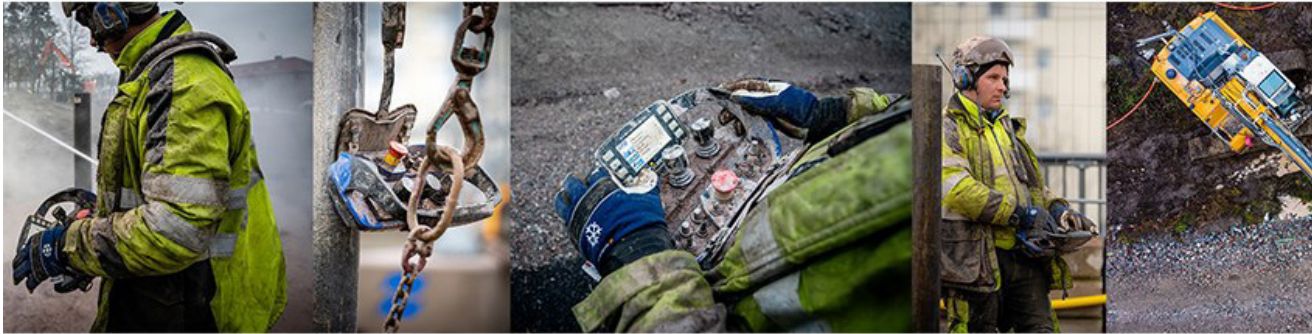




Groundwork

REMOTE CONTROL SYSTEM G4





REMOTE CONTROL SYSTEM G4

Groundwork supplies the Remote Control System. The Remote Control System can be retrofitted to your existing post pounder to improve the safety of your machine.

Benefits of the Remote Control System include:

- Safety - no requirement for staff near machine
- Flexibility - freedom of movement

EXECUTIVE G4 TRANSMITTER

The Executive G4 Transmitter unit, with a simple and ergonomic design, is suitable for working in tough conditions. The Unit is equipped with 4 linear levers for control of 4 bi-directional proportional functions.

A function shift availability allows additional 2 bi-directional proportional outputs to be controlled as well as up to 6 digital outputs. Radio communication using automatic radio frequency jumping technology.

The transmitter communicates with the corresponding receiver using a Scanreco protocol and a unique identity code. This guarantees that no other Scanreco transmitter or other product can ever activate the machine unintentionally. The stop function conforms to performance level "e" (PL e), the highest level specified by EN ISO 13849-1, a legally binding standard for safety-critical components of control systems.

The Executive transmitter is designed for heavy-duty use and we know that our customers rely on our ability to deliver functionality they can trust.



- 4 linear levers or 1-3 joysticks
- Stop function in accordance with EN ISO 13849-1 cat. 3, PL e
- Operational time: approx. 10 hours on a single charge
- Frequency bands: 433-434 or 902-928MHz (other frequencies available on request)
Operating range >100m / > ~330 ft.
- Operational temperature: -25°C to +70°C / ~-15°F to +160°F
- Protection category: IP65
- Dimensions: (W x H x D): 290 x 160 x 190 mm / 11.42 x 6.30 x 7.48 in
- Weight: 1.4-1.8 kg / 3.1-3.9 lbs. including battery

G4 RECEIVER

The G4 is our entry-level receiver with proportional outputs, digital I/Os as well as CANopen communication. The standardized functions and features make the receiver suitable for various mobile hydraulic applications.

The receiver is equipped with a two-digit LED display that provides detailed information regarding operational status and possible error codes. The receiver has an error log that records both internal system faults and external faults in the connected hydraulics and controllers.

The receiver can only be activated by its dedicated Scanreco transmitter; no other transmitter or product can ever activate the receiver unintentionally. For maximum security, the receiver is equipped with dual processors that constantly monitor all data and outputs. In the unlikely event of any error or loss of the radio link from the transmitter, all outputs will immediately be shut down.

An important key to the success of the Scanreco professional radio remote control system is the receiver. It is well known for its durability – even in extreme conditions such as shock, vibration and electromagnetic interference. One of the secrets is that it is potted with epoxy to protect it against dust and water in all forms to survive 24/7 the hottest summer in Australia or the coldest mid-winter in north Canada.



- 6 bi-directional proportional PWM outputs
- 7 digital outputs (including dump valve)
- 2 digital inputs for speed-setting management
- CANopen interface
- Stop function in accordance with EN ISO 13849-1 cat. 3, PL e
- Frequency bands: 433-434 or 902-928MHz
- Supply voltage: 12/24 VDC
- Operational temperature: -25°C to +70°C / -15°F to +160°F
- Protection category: IP 65
- Dimensions (W x H x D): 233 x 205 x 77 mm / ~9.17 x 8.07 x 3.03 in (height incl. antenna)
- Weight: 1.2 kg / 2.6 lbs.