WEIGHING SYSTEM ON THE BLOCK

Weighing system with load cells installed inside the block of the cranes and wireless transmission device

The system guarantees high measurement accuracy since the load on the load cells is direct without interferences or frictions.

The load cells usually used are dynamometric pins designed for the specific block where they will be installed.

The system is equipped with a wireless instrument to trasmitt the weight measurement to a local display or other acquisition systems as required.

The voltage supply can be realized by a long life rechargeable battery set or by cable with a supply cable reel.

The fine calibration on site can be is realized by a remote control device using calibrated load.

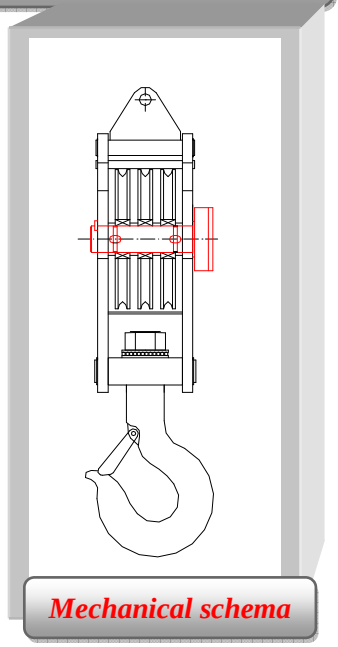
Main technical features.

- Dynamometric pin: PE-DIN series
- Radio transmitter: TRF (866 MHz)
- Range of radio transmission: over 50 meters
- Accuracy of weighting: 0.2 % f.s.
- Over load admitted: 150% f.s.
- Protection degree: IP66

Application on crane 60 ton with 12 falls

Large display with LED

Wireless display with print



Mechanical schema

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