

# Weighing in a heavyweight

The ABUS hook block scale is a real advantage.

Knowing the weight of the load on the hook, is important to many crane operators:

In order to weigh the goods and invoice the customer, to load trucks, to supply production plants with weighed material, to comply with the safety specifications for loads or to determine the weight of containers – frequently the ABUS hook block scale is most economical solution.



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## Exactly right every time

Weighing on which you can rely

The ABUS hook block scale is an accuracy class III digital commercial scale with EU approval from the German National Metrology Institute. The crane scale is calibrated and delivered ready for use. The load determination is by means of a durable DMS ring torsion load cell made of stainless steel sensors. The weighing electronics consist of state-of-the-art SMD technology in a robust industrial design.

The weighing module integrates perfectly into the bottom block of ABUS wire rope hoists. The lift-height loss is zero in respect of a 4-fall reeving of the hoist and minimal in the case of a 6-, 8- or 10-fall application.

And the data can intelligently transferred to wherever it is needed; it is possible to store it on an SD memory card in the handheld transmitter or by means of secure data transmission, it can be transferred via the Teledata<sup>1)</sup> evaluation unit to a printer, a warehouse computer or a network connection. The data can then be automatically transferred and documented, for example in weighing records, delivery notes, invoices or stock lists.



1) The peripheral devices, such as Teledata, and the related support can be obtained from EHP in Buehl

## Do you require anything else?

Convenient weighing

With the ABUS hook block scale, the load display is always visible to the operator: on the display of the scale, on the hand-held transmitter or, optionally, on a large external display on the crane or in the building. Furthermore, the data can be transmitted via intelligent accessories to where it is required.



## To avoid the burden of weighing

Simply weigh

The scale can be used on single and double girder overhead traveling cranes, mono-rail tracks and on jib cranes with ABUS standard rope hoists. Special designs or conversions of the hoist are not necessary. An electrical connection to the wire rope hoist or other devices is also not necessary. The powerful and durable rechargeable battery of the hook block scale with a convenient charging method provides the power for weighing and transmitting the data. Depending on the device, the scale is operated via an autonomous infrared control or a radio remote control, i.e. regardless of whether the crane installation is operated with a pendant control or radio remote control. Zeroing, taring, weighing, reading and other functions can be performed by simply pressing a button on the remote control of the scale. Even composite scale systems are feasible, for example, if you need to determine the gross mass of containers for sea freight in accordance with the SOLAS guideline or if you need to weigh long goods, you can use several ABUS bottom blocks (master-slave) and determine the sum total of the load.



## Existing crane + a new scale?

Existing equipment can be upgraded

Would you like to upgrade? – No problem with existing ABUS wire rope hoists of an appropriate size! Here the ABUS hook block scale can be retrofitted at any time without much effort. It is also possible to retrofit ABUS hook block scales with additional peripheral devices and with equipment for transmitting and evaluating the data.

The ABUS hook block scale makes weighing easy – a real economic benefit for everyone whose business involves determining the weight of loads.



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