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.
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\(^1\) 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.

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

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