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Castell launches new heavy-duty access interlocks to protect workers in heavy industries

AI-HD and AIE-HD withstand high potential loads and high frequency of use

Industrial safety specialist [Castell](#) has launched heavy-duty access interlocks for use in industries such as waste and recycling, aggregates, steel and chemical processing. The AI-HD and AIE-HD have been designed to deliver robust performance where there are high potential loads and a high frequency of use.



The risks to personnel safety in harsh environments can be increased due to the heavy wear placed on safety components. The UK's HSE recently [reported](#) that the construction industry in particular, while accounting for only around five per cent of Britain's employees, still accounted for 31 per cent of fatal injuries to employees and 10 per cent of reported major or specified injuries.

Recognising these issues, Castell examined how it could develop its durable AI and AIE access interlocks to deliver enhanced products that would meet the day-to-day operational cycles encountered in heavy industry.

The AI-HD and AIE-HD will deliver years of performance in the harshest environments. The products use a heavy-duty stainless steel support mechanism, designed to take up to 1.5 times the load of current access interlocks, which reinforces the locking action. The design also provides additional protection for applications with high levels of vibration, such as mixers and shredders.

Elisa Hunt, Castell's marketing manager, commented: "Castell has always been synonymous with high-performing products in harsh environments and the new HD access range takes this to a new level. Taking feedback from our customers in the cement mixing, tanker loading and waste and recycling industries has enabled us to develop a product that offers new levels of safety performance."

Castell Safety International protects personnel, assets and the environment worldwide across the energy, industry, manufacturing and transport sectors. Castell products are designed to work in the harshest environments, delivering safe and efficient solutions.

Ends

Castell profile:

Established in 1922, [Castell](#) manufactures the world's widest range of industrial safety interlocking systems. Designed to protect personnel working with dangerous machinery or in hazardous environments, the company's products are robust, durable and suitable for the heaviest of applications. Available in a range of materials, including stainless steel, they are proven even in dusty, corrosive and aggressive operating environments. All products conform to European safety standards.

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