

PRESS INFORMATION



Mobile Solutions in Bulk Materials Handling

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SAMSON Materials Handling Limited specialises in the design and manufacture of mobile bulk materials handling equipment for surface installation across multiple industrial segments representing flexible and cost saving solutions. In a highly competitive bulk materials industry, the SAMSON range of mobile equipment offers: High performance with total reliability, a compelling alternative to fixed installations, no need for dedicated civil works and excellent return on capital equipment.

SAMSON Materials Handling Limited is proud to supply ports and terminals, mining industries and agricultural markets across the globe and forms part of the world renowned AUMUND Group.

Shiploading System



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SAMSON create complete conveying solutions from mine to ship, effective systems for exporting and importing materials without the need for expensive civil works, effectively saving time and space.

Fully mobile Shiploaders with their associated feeding and transfer systems offer the possibility to occupy a berth only during the loading of the vessel. After loading the complete equipment may easily be travelled clear and stored elsewhere allowing the berth to be utilised for other cargoes or even container handling.

Used effectively systems can trim the whole hold from a single machine position and eliminate the need to move the equipment during operation. Consequently the effective through ship loading rate is significantly increased as the lost time in manoeuvring the machinery is eliminated. This is particularly important with relatively light cargoes, where capacity loading of every hold is critical. Using a variable speed control for the trajectory, loading may be varied to place the material wherever the operator wishes for effective level trimming.

Stormajor® for Bulk Materials Handling



A unique concept in Bulk Materials Handling, the Stormajor® combines the benefits of the Samson® Material Feeder design with a radial and luffing outloading boom conveyor into a single mobile machine able to receive material both from tipping trucks and loading shovels.

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The Stormajor® offers high capacity stockpiling and ship loading from a single integrated machine available with a range of specialised features tailored for each application.

A universal bulk loader, the conveyor offers very high handling rates. For tipping truck deliveries the buffer holding capacity of the integral Samson® Material Feeder allows even faster truck unloading allowing a high average rate to be maintained even taking into account delays in positioning the vehicles.

Available with a wide range of specification options suitable for handling materials from cereals through to heavy mineral ores.

The Samson® Material Feeder – A Unique Concept



The concept of the Samson® Material Feeder was developed to satisfy the demands of clients requiring a mobile solution to receive general bulk materials such as coal and aggregates direct from tipping trucks where fixed plant was not a viable option.

The Samson® Material Feeder concept eliminated the need for any truck ramps, or fixed civil work and was rapidly extended to fixed plant projects where the flexibility of surface installation is a clear benefit. This is particularly

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realised in port applications where the high ground water level makes conventional underground pits expensive to construct and maintain and in quarry and mining environments where the positioning of the feeder needs to be flexible to serve the active areas of operation.

For extra heavy duty applications SAMSON have developed the MFD range using sealed and lubricated tracked (SALT) vehicle chains designed to receive bulk aggregates with the density of 1.4-3.0 t/m³.

About the AUMUND Group

The AUMUND Group is active worldwide. The conveying and storage specialists have special expertise at their disposal when dealing with bulk materials. With their high degree of individuality, both its technically sophisticated as well as innovative products have contributed to the AUMUND Group today being a market leader in many areas of conveying and storage technology. The manufacturing companies AUMUND Fördertechnik GmbH (Rheinberg, Germany), SCHADE Lagertechnik GmbH (Gelsenkirchen, Germany), SAMSON Materials Handling Ltd. (Ely, England), as well as AUMUND Logistic GmbH (Rheinberg, Germany) are consolidated under the umbrella of the AUMUND Group. In conjunction with the headquarters of the manufacturing companies, the global conveying and storage technology business is spearheaded through a total of ten subsidiaries in Europe, Asia, North and South America and supported by four warehouses in Germany, Hong Kong, USA and Brazil.

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