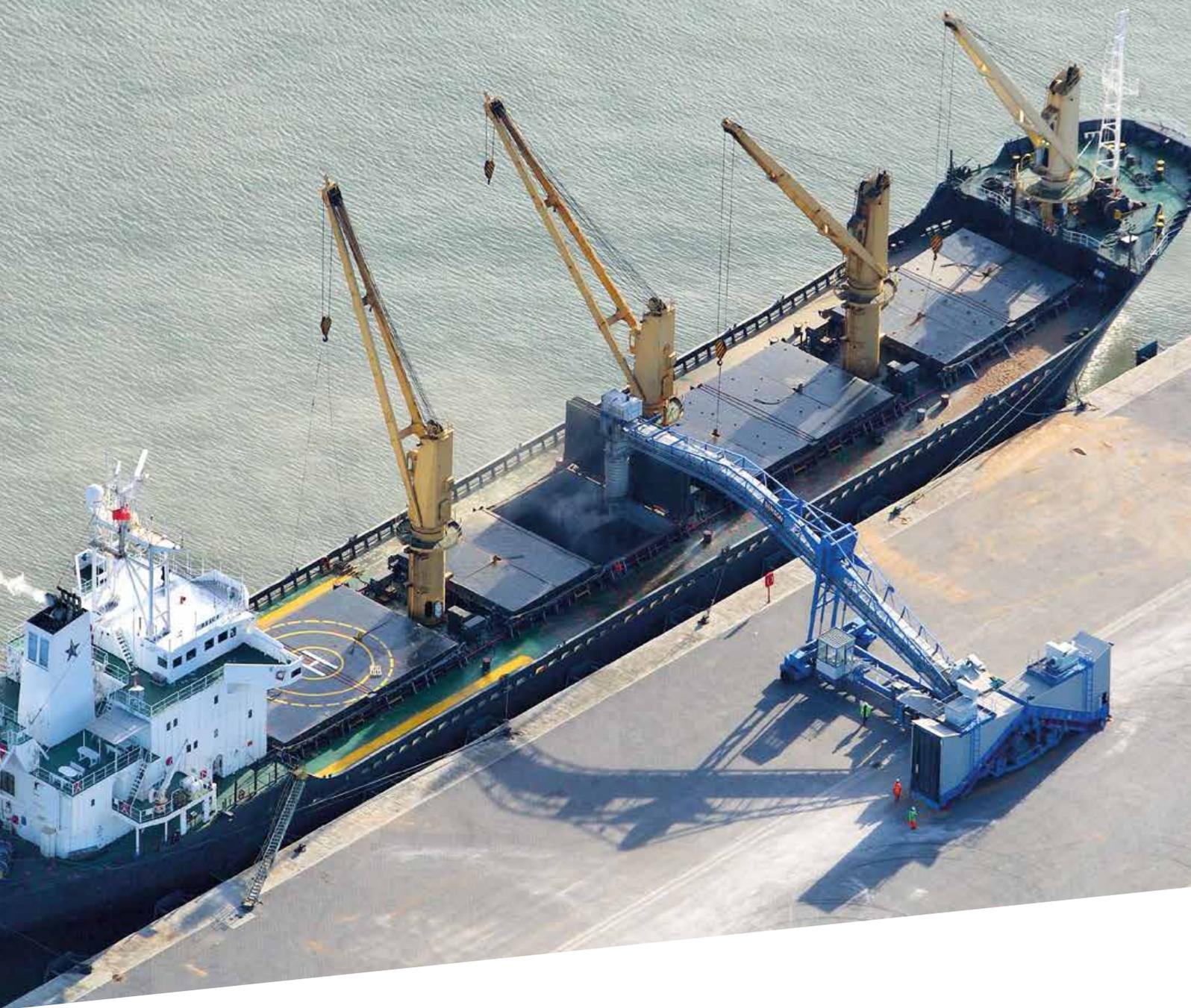


MOBILE SOLUTIONS



WE CONVEY QUALITY

SAMSON
AUMUNDGROUP

SAMSON TODAY



Since 1966 SAMSON Materials Handling Ltd. has been recognised as one of the leading manufacturers of mobile bulk handling equipment around the world. From the time we pioneered the revolutionary Samson® Material Feeder, our specialist engineering solutions have set the standard for productivity, durability and outstanding performance.

Our focus is on designing and manufacturing mobile equipment that can move an incredibly wide range of materials. Not surprisingly therefore, our equipment is used by companies in a variety of industries.

With more and more businesses looking for materials handling equipment that increases productivity yet reduces the cost of ownership, SAMSON is well placed to meet the needs of the industry with new and innovative solutions.

It's an exciting time for us, particularly as SAMSON is part of the internationally renowned AUMUND Group of companies, a highly respected group of engineering and manufacturing companies with well established subsidiaries, after sales services, five strategically located warehouses and sales agents around the globe.

INDUSTRIES



INDUSTRIES

PORTS & TERMINALS

SAMSON Materials Handling has established a suite of ship loading and discharge appliances tailored to the Ports & Terminals business handling dry bulk cargoes. Specifically developed to offer both flexibility in operation from existing berths and high performance loading, whilst respecting the highest environmental standards for dust and pollution control.

MINING & MINERALS

The SAMSON range of bulk handling solutions is dedicated to the reliable intake, storage, export and import of minerals and concentrates at the quarry, mine, terminal and processor. Mobility is at the core of our product concept; from truck intake, through to mobile stacking and ship loading solutions able to operate from existing or temporary berths.

AGRICULTURE

SAMSON Materials Handling has designed a comprehensive range of mobile equipment for the storage and export of cereals and similar agribulks. Our equipment provides high performance with handling rates on Shiploaders to 1200 tonnes per hour with the flexibility of operating independently of dedicated infrastructure or port facilities.

ENVIRONMENTAL

Alternative fuels such as biomass, agricultural waste products, end of life tyres, paper, plastics, Refuse Derived Fuel (RDF) all form part of the fuel mix in many cement plant and power utilities including combined heat and power plants. All of these materials present a challenge to the materials handling plant designer given that they are different in their characteristics.

IRON & STEEL

For the intake of raw materials and by-products throughout the steel works and associated plant, the SAMSON Mobile Material Feeder provides a flexible alternative to conventional deep pits and hoppers receiving material direct from tipping trucks. SAMSON heavy duty Shiploaders provide an ideal mobile solution for safe delivery of heavy bulk materials.

POWER

SAMSON Materials Handling offers a range of economical handling solutions for the loading and discharge of rail wagons, road trucks, barges and ships to Panamax size using a combination of surface mounted and mobile solutions. These can be incorporated into the existing infrastructure of power plants.

CEMENT

SAMSON Materials Handling is a recognised specialist for the conveying and storage of all bulk materials pertaining to the cement and related industries. The SAMSON range of products provides the link from the point of origin or quarry, through storage and transportation, to processing.

FERTILISER

When designing SAMSON fertiliser equipment, special consideration is given to the form and the properties of the material to be conveyed; the flow characteristics of the granules, pellets or powder as well as extra durability in the wear plates and liners. Dust production at transfer and source is minimised with specialised filtration units and enclosures.

SHIPLOADERS



MOBILE PRODUCTIVITY

The SAMSON Mobile Shiploader offers flexible solutions for every loading application. The fully mobile chassis allows operations on every berth. Different designs match every type of vessel from barges to Panamax size. Loading capacity reaches up to 2,000 tons per hour,

depending on the specifics of the material being handled. SAMSON Mobile Shiploaders are a cost effective and fast track solution to dynamic market conditions. The operation of SAMSON Mobile Shiploaders can be enhanced when configured with a single or double



Samson® Material Feeder at the reception point.

Requiring no fixed works or services SAMSON Mobile Shiploaders can be moved away from the operational area when not in use making

them ideal for narrow or multi-purpose quays.

The shiploading system is enhanced with specialised trimming equipment, covers and enclosures relevant to the material being conveyed.

SHIPLOADERS



FEATURES

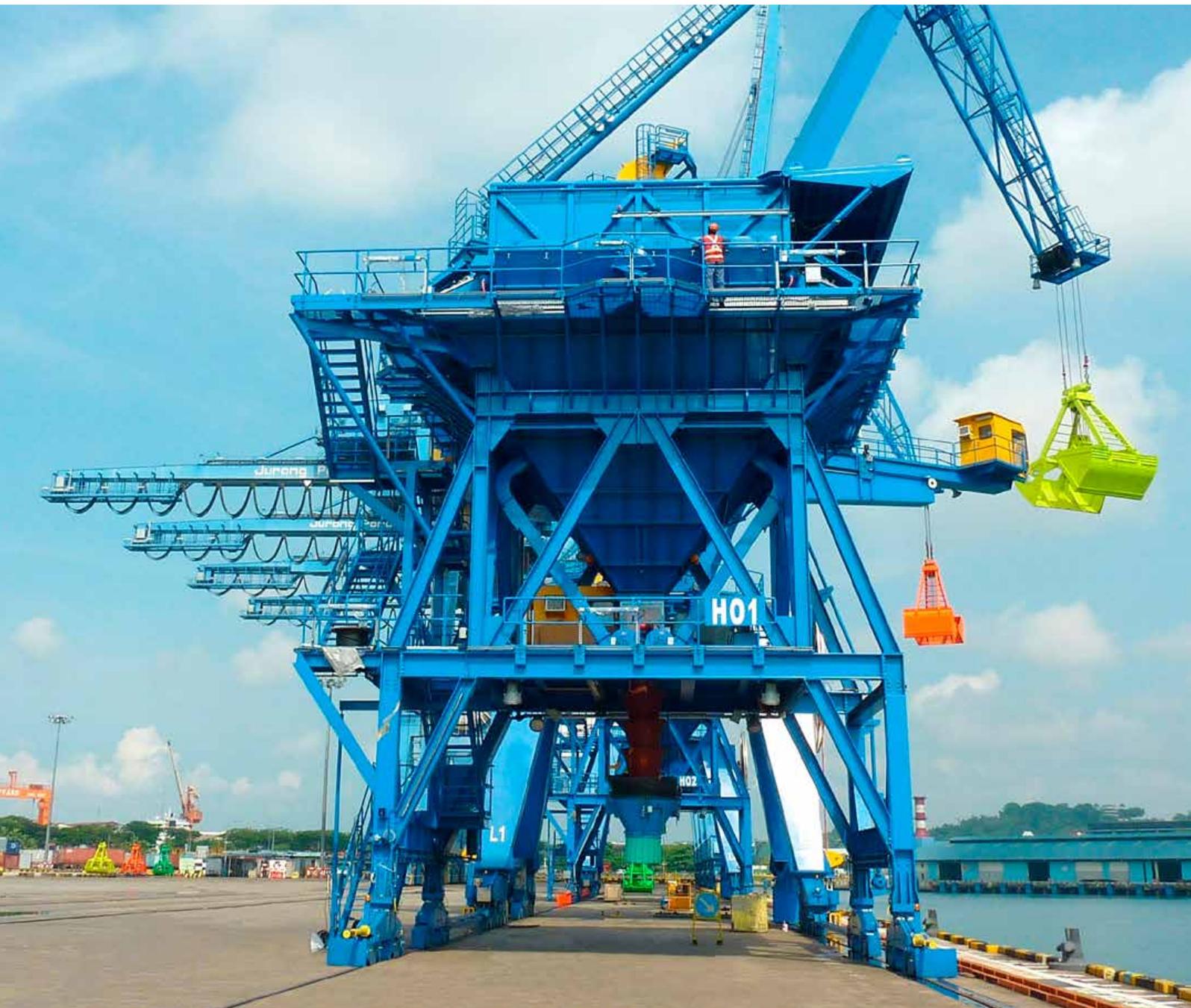
- Comprehensive options of trimming equipment: Cascade trimming chute, variable speed radial thrower, radial distributor
- Optional cambered boom
- Full powered travel with in-line and parallel motion
- Can be used independently or attached to a single/double Samson® Material Feeder
- Outloading boom with integral three roll troughing idlers
- Throwers and chute distributors available with radio remote control
- Levelling blade to provide controlled feed rate
- Choice of power drive: diesel, electric, diesel/electric, diesel+electric



BENEFITS

- Provides dust-free loading to the vessel hold and allows for fast trimming of entire vessel
- Powered travel - ideal for narrow quays
- Slew ring mount between Samson® Material Feeder and Shiploader permits 180 degrees working arc
- By mounting the shiploader to 1-2 Samson® Material Feeders, the entire equipment can be moved as an integrated unit
- Three roll troughing idlers support conveyor belt in conveyor design for maximum rigidity and minimum weight
- Remote control allows for operator to stand close to and watch the trimming, rather than operate from a distance

ECO HOPPERS



MAXIMUM THROUGHPUT

The SAMSON Eco Hopper is an economical and ecologically sensitive solution fulfilling all needs for the efficient import of dry bulk cargoes. Their compact design is engineered to combat fugitive dust while at the same time optimising the flow and intake speed of raw

materials. Designed to suit characteristics and flow properties of virtually any bulk material, rates of 5,000 tons per hour may be achieved, subject to a grab crane performance. The throughput of the terminal can be increased by adding one or more hoppers and ensuring that

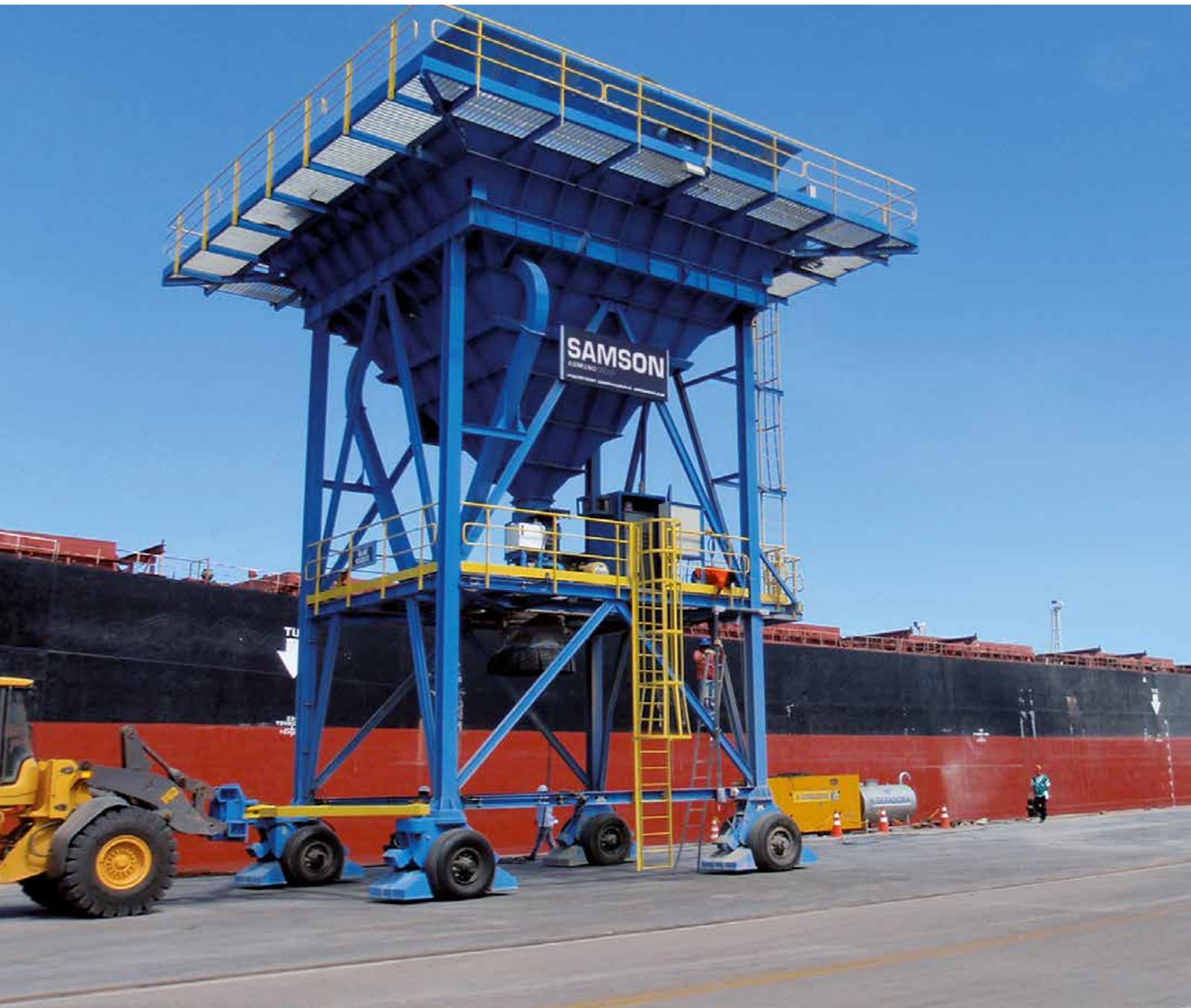


onward handling systems can accommodate the increased capacity.

The SAMSON Eco Hopper is designed to serve busy ports. It receives bulk materials from vessel mounted or shore based grabs

and employs a variety of dust containment measures before discharging the material into trucks, rail cars or onto a transfer belt conveyor. Mounted on rails or wheels the Eco Hopper can be positioned along the quay as required.

ECO HOPPERS



FEATURES

- Extensive dust control features: flex flaps, dust seals, dust control filters, air compressor
- Multiple discharge options: to conveyor, to truck, via telescopic chute, through ancillary Material Feeder
- Multiple travel options: rail, static or pneumatic tyre mounted, powered and towable travel
- Increased safety features: level detectors, strain gauges, structurally designed to withstand overload
- Robust design: top shroud, grab impact grill



BENEFITS

- Minimise escape of fugitive dust
- Fit to any onwards processing or logistics requirements
- Can be used on non-dedicated quays and moved off the area when not in use
- Flexible positioning to suit unloading vessel
- Ability to work with a wide variety of materials with differing characteristics

STORMAJOR®



ULTRA-HIGH PERFORMANCE

The SAMSON mobile Stormajor® opens up new possibilities for stockpiling, barge loading and rail car loading. It combines an outloading boom and a buffer reception hopper on a single chassis. Tracked or wheeled it has the unique benefit of total mobility,

providing universal applications and ultra-high performance. It has the flexibility to receive a wide range of materials directly from tipping trucks, shovels or even articulated dump trucks. Its outloading boom permits directional control over loading and stacking. Its high



manoeuvrability and quick set up time make it ideal to respond to changing market needs.

The SAMSON Stormajor® is a compact and versatile piece of equipment which offers the performance of a fixed load system without the

need for a permanent infrastructure.

Power and travel options, boom size, hopper reception unit and dust control features can all be tailored to suit the material and application.



FEATURES

- Samson® Material Feeder combined with a radial and luffing outloading boom conveyor into a single mobile machine
- Available as a tracked or wheeled unit
- Tracked version with 15 and 20 m boom
- Wheeled version boom length up to 30 m
- 3 different capacity ranges: 450 m³/h, 750 m³/h and 1250 m³/h
- Dust control features: enclosures and sealing rings
- Shiplading applications with optional chute systems and cambered boom design
- Choice of power drive: diesel, electric or diesel/electric



BENEFITS

- Multiple function equipment
- Fit to any onwards processing or logistics requirements
- Can be used on non-dedicated quays and moved off the area when not in use
- Flexible positioning to suit unloading vessel
- Ability to work with a wide variety of materials with differing characteristics

SAMSON® MATERIAL FEEDERS



POWER & DURABILITY

The Samson® Mobile Material Feeder is a high performance truck unloader with proven reliability for continuous process industries. It receives bulk materials directly from tipping trucks and loading shovels, providing a buffer storage capacity and a controlled rate discharge. Installed above ground, with

no need for deep pits and expensive civil engineering works, it's a flexible alternative to traditional underground hoppers. Using a wide belt design principle, any material may be reliably conveyed without the risk of bridging or blockage. Tracked or wheeled versions available. Entry designs, enclosure



and discharge options tailored to material and operation.

The Samson® Material Feeder can be used as a standalone reception unit or can be configured as part of a conveying system permitting efficient transfer of dry bulk materials from

source to onward processing. The Samson® Material Feeder can convey a multitude of bulk materials where fixed plant is not an option.

SAMSON® MATERIAL FEEDERS



FEATURES

- Discharge control: levelling blade, rotating teaser for extremely cohesive materials
- Wide apron belt design
- Trapezoidal shaped apron bars at every chain pitch
- Flexible side seals
- Different body and entry designs
- Dust and fume control enclosures are available as options



BENEFITS

- No deep pits or underground hoppers
- No civil works, giving flexibility of location
- Receives directly from a variety of vehicles
- Buffer holding capacity allows for continuous outgoing feed rate
- Handles dry and dusty materials
- Handles wet and sticky materials
- Reduced energy consumption
- Easy to maintain and service
- Wide apron belt design combines strength of a steel apron feeder with cleanliness of a belt feeder
- Flexible side seals prevent spillage and waste

LINK & TELESCOPIC CONVEYORS



FLEXIBLE SYSTEMS

Enhance your materials handling process with SAMSON Link & Telescopic Conveyors.

Designed to slot into an integrated system or act as a standalone piece of equipment SAMSON Link & Telescopic Conveyors can perform the crucial connection between material reception and ongoing processing, loading or storage.

They are adaptable to the evolving configurations of operational areas providing both flexibility and reliability.

The telescopic boom of the Telescopic Conveyor can provide an extra reach of 40 to 50 m when extended. This extra reach can prove invaluable for shiploading purposes when vessels have differing freeboard heights.



FEATURES

- High strength lattice structure
- Option of covers, dust filtration and trimming chutes
- Automation technology
- Automated stockpiling options

BENEFITS

- Controlled loading and stacking rates
- Easily transportable and immediately operational
- Reduces fuel consumption

AFTER SALES & SERVICE



GLOBAL SUPPORT

SAMSON aims to deliver the highest standards of customer support and After Sales & Service worldwide.

We have Service Centres and Warehousing in Germany, USA, Brazil, UK and Saudi Arabia where our dedicated team of engineers provide After Sales & Service from quality control and commissioning to maintenance and repair.

Our experience of operating in heavy industries and ports means we understand that continuous production is vital to your profitability.

As such, we have developed a customer support team to provide the highest standards of on-site services. Our commitment is to delivering effective and timely customer-orientated service at every stage of the equipment lifecycle, helping to protect your production and maximize your return on capital investment.

Supervisor Services

We offer a wide range of supervisor services, from the initial advice on plant selection through to parts, maintenance and fully inclusive service contracts.

Erection & Commissioning

A comprehensive service for the erection, site assembly and commissioning of all SAMSON products, plus operator and maintenance training is always available.

Conversions & Re-builds

We offer a comprehensive conversion and rebuild service to extend the effective service life of the equipment thereby maximising the value of your investment.

Spare Parts

Critical genuine original spare parts are available from our Group Headquarters and ready for worldwide shipment, on demand, in the unlikely event of a component failure.

WITH BEST COMPLIMENTS

SAMSON
AUMUNDGROUP

AUMUND GROUP SPANNING THE GLOBE

The companies of the AUMUND Group are active in more than 100 countries in the sphere of conveying and storage of bulk materials with 15 locations all over the world and a global network of almost 100 representatives.

AUMUND	Holding B.V. / The Netherlands
AUMUND	Fördertechnik GmbH / Germany
AUMUND	Representative Office Moscow / Russia
AUMUND	France S.A.R.L. / France
AUMUND	Machinery Trading (Beijing) Co. Ltd. / China
AUMUND	Asia (H.K.) Ltd. / Hong Kong SAR
AUMUND	Corporation / USA
AUMUND	Ltda. / Brazil
AUMUND	Engineering Private Ltd. / India
AUMUND	Middle East / Dubai
AUMUND	Group Field Service GmbH / Germany
AUMUND	Logistic GmbH / Germany
SCHADE	Lagertechnik GmbH / Germany
SCHADE	Representative Office Moscow / Russia
SAMSON	Materials Handling Ltd. / UK

The AUMUND Group operates Service Centres and Warehousing for spare parts in Germany, the USA, Brazil, Hong Kong, Saudi Arabia and the UK. Almost 60 dedicated Supervisors tend to clients' needs across the globe and a specialized PREMÁS® Team provides Preventative Maintenance and Service support including inspection and consulting.

SAMSON Materials Handling Ltd. is part of the internationally renowned AUMUND Group of Companies specialising in professional bulk handling solutions that provide the very highest levels of performance and engineering.

SAMSON Materials Handling Ltd.

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