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nemag handles your bulk

For many years now, Nemag is the preferred partner for the transshipment of dry bulk materials. Whether it is the transshipment of coal and iron ore or the loading and unloading of grain, animal feed, scrap metal, minerals, biomass or other bulk goods. Nemag ensures that you can work as efficiently as possible. All our products are made in close consultation to meet our clients' demand. That is why our grabs have such a cast-iron reputation around the world.



Efficient bulk handling

Nemag was established in 1924, when it started repairing ships and grabs in the Rotterdam harbour. Since 1980, Nemag products find their way from a well-equipped manufacturing site in Zierikzee to leading companies around the world. Skilled and dedicated employees design and manufacture our products, using state-of-the-art technology and the finest materials. Quality products with perfect performance at the lowest possible cost per ton of cargo handled. Nemag products last longer, require little

maintenance and rarely malfunction. Many large dry bulk handling companies confirm this on a daily basis.

Development and innovation

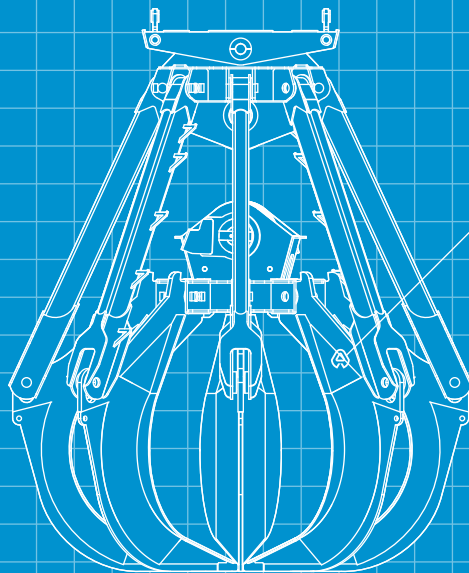
Nemag spends a lot of time on research and development. Together with our customers, research institutes and universities, we continuously work on technological improvements and refinements. We investigate new materials, experiment with new types of grabs to increase efficiency for unloading cargo and to lowering the

costs per transhipped ton. Furthermore, we are always looking for ways to meet the increasingly strict environmental regulations. This way, we help our clients to fulfil their responsibility toward the environment.



the cactus grab

Under all circumstances Nemag guarantees a high level of productivity, long life span and low costs for maintenance for handling bulk materials. One of our leading products in this field is the Cactus Grab, which you can use specifically to handle shredded scrap, biomass and rocks. But also for wood chips and household waste. Nemag's Cactus grab is your reliable partner with a cast iron reputation.



specifications

Lifting power 25 - 163 tons Safe Working Load

Volume more than 45 m³ (biomass)

Bulk goods scrap HMS 1 - 2, shredded scrap, pig iron, stone, wood chips - biomass.

Shell can be open, half-open or closed

Number of claws six or eight claws



The Nemaq Cactus grab stands out thanks to its robust design and use of first class wear-resistant and high-tensile steel. Depending on the lifting power required, the Cactus grab is equipped with six or eight claws. The grab is available, depending on the material it needs to process, with an open, half-open or closed claws. This ensures a minimal waste of material.

Material

The grabs are built in four-rope version. The volumes that the grabs can handle are up to 17 m³ for scrap and up to 45 m³ for wood chips. The Cactus grab is manufactured with the highest possible quality steel, such as Dillidur 400, Hardox 400, Dillimax 690 and Weldox 700 or equally renowned types of steel. The Cactus grab's closing rope guide can be equipped with low friction cable guides, which guarantee a long life span of the closing cable.

Characteristics

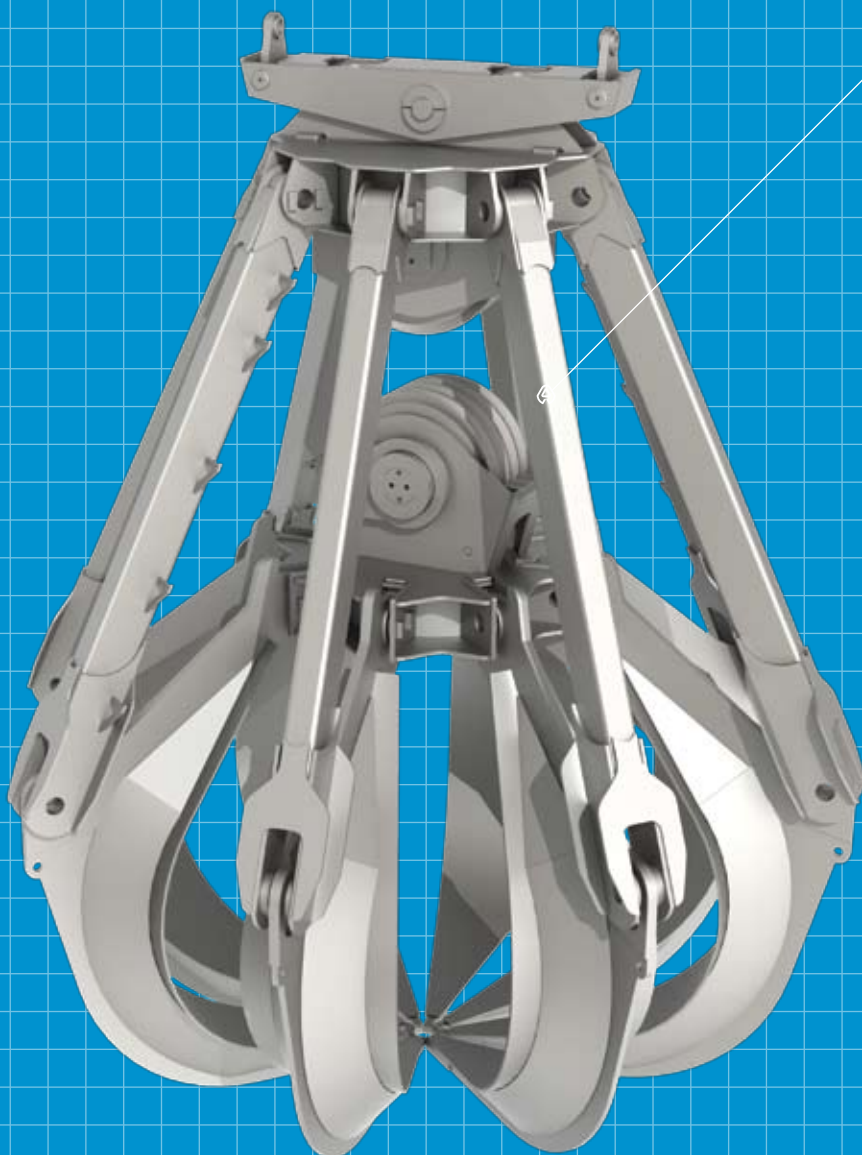
The Cactus grab has a lifting power ranging from 25 to 63 ton Safe Working Load. The volume range reaches 10 to 45 m³. The bulk materials that the Cactus grab can process are scrap, rocks, biomass, wood chips and household waste. Depending on the lifting power required, the Cactus grab is equipped with six or eight claws. The grab is available, depending on the material it needs to process, with an open, half-open or closed claws. Also you can choose between six or eight claws.

Advantages

The Cactus grab is manufactured with high tensile materials with excellent low friction cable guides, in short a very robust design. With its independently movable claws, the Cactus grab has excellent digging power. Moreover, the Cactus grab is versatile in use thanks to the various types of claws and the option

of being able to choose between six or eight claws.

the cactus grab



characteristics

Claws made of wear-resistant steel in combination with high tensile steel

Optimal penetration due to moveable suspended claws

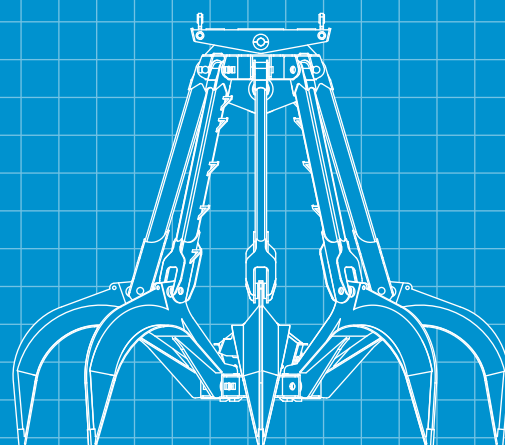
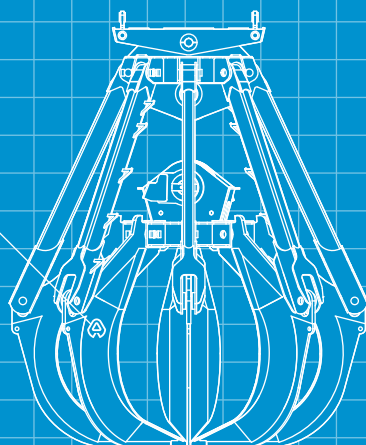
Robust arm construction with pivot point protection

Option for radiation detection on scrap grabs

Closing rope with guide wheels or bell mouths

Optimal closing rope guide

Claw shape types open, half open or closed



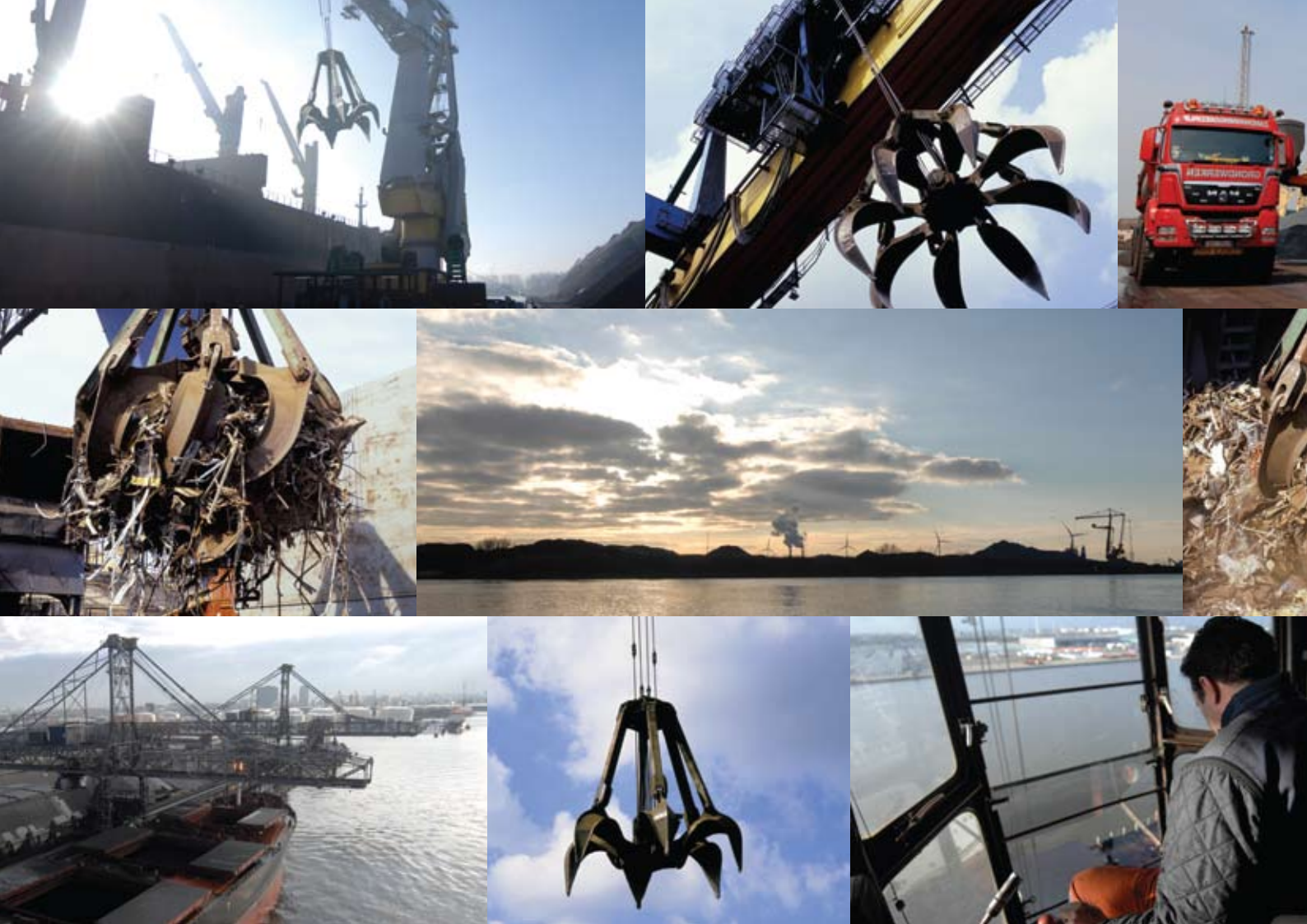


the added value of the cactus grab

Favourable volume in relation to its own weight

Extremely robust design

Application of wear-resistant and high-tensile steel



references

For years now, Nemag's clientele includes many leading companies. Companies that, just like us, stand for quality and reliability. We are proud of this, because we feel that the standard of the customers represents the standard of the company.

We are not only proud of this, but it supports us in our conviction that innovation and quality eventually lead to satisfied customers and therefore to an important market share. Our customers choose products that perform well and reliably, have a long life expectancy and require little or no maintenance. In summary, clients opt for Nemag as their partner, resulting in both parties

benefiting from each other's knowledge and experience and reaching optimal results when processing bulk goods. Our products continue to develop in order to ensure the best handling of bulk materials.

A few of the leading companies, some of which have chosen for Nemag's advice and products for years now:

- EBHI
- Tata Steel
- EMO
- Sea Invest
- Konecranes
- ThyssenKrupp
- Arcelor Mittal
- EBS
- Endesa
- OBA
- Vale
- EECV
- Oldendorff
- Sandvik

EBHI

TATA STEEL

EMO

SEA-invest

KONECRANES

ThyssenKrupp Steel



ArcelorMittal



nemag linking systems

The Nemag Quick-Release Link and the Rope Pear Socket form a strong and reliable connection between the steel wire ropes of the crane and the grab. This connection can be disconnected by one man in a matter of seconds. Both products can easily be used with every type of crane and every type of grab.

Nemag Quick-Release Link¹

The Quick-Release Link is used in all our grabs and often in those of our competitors as well. Worldwide.

It is an easy, quick and safe connection in which the locking piece can be removed using a simple key.

The inside of the C-section are tempered, increasing the life-expectancy of the Quick-Release Link considerably.

The construction of the locking piece ensures a reliable and safe operation.

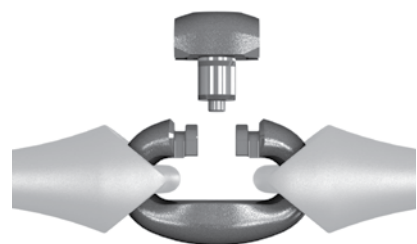
The locking piece can be exchanged with others.

The ingenious closing mechanism guarantees optimal safety.

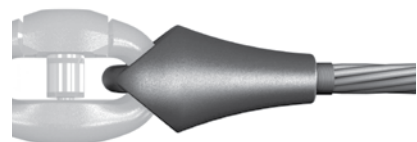
Nemag Rope Pear Socket²

The Rope Pear Socket is designed specifically so that it can pass the pulleys without difficulty, whether it is used with the Nemag Quick-Release Link or not.

The life expectancy of the Rope Pear Socket often exceeds that of the steel wire ropes.



1. Nemag Quick-Release Link



2. Nemag Rope Pear Socket

nemag 

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