

# Choosing the right grab for the right operation

Verstegen Grijpers B.V., Nieuwegein, The Netherlands

## Extensive experience and worldwide deliveries

Verstegen is one of the world's leading manufacturers of rope operated mechanical grabs for the dry bulk industry. Since its foundation in 1951, Verstegen has delivered over 10,000 grabs to customers in 83 countries worldwide. Leading crane manufacturers (Ardelt, Gottwald, Liebherr) equip their cranes with Verstegen grabs to guarantee the highest unloading rates.

## Optimised grabs

Verstegen specialises in designing and building rope operated mechanical grabs, and continuously work to develop the most efficient and cost-effective grabs, through the use of 3D designs and FEM analyses.

Every grab is optimised for specific unloading situations and to customer specifications. The upper structure of each grab is adjusted to each specific crane it works on, and the shells of each grab are optimised for the specific bulk materials it handles.

## High capacities and low dead weights

Achieving high unloading rates is the most important condition for a customer who handles bulk materials. Fast and efficient unloading results in operational and demurrage costs savings.

In order to obtain the highest productive capacity, a grab should have the highest possible volume without unnecessary dead weight. This is only possible with a good and well-proven design in combination with use of the best possible materials.

## High enclosed environmentally friendly grab

In order to prevent material loss and pollution of the environment, more and more customers are choosing high-enclosed grabs. The Verstegen enclosed model has become the most popular grab for light and medium bulk materials, like coal, fertiliser and agribulk. But the grab is also working successfully for phosphates, sulphur and sugar.

The model combines high capacity with high strength and durability. The enclosed shells and good sealing system minimise material loss and environmental pollution.

The grab is 'round-shaped' with no sharp edges, thus leading to less damage to ships in case of collisions. The cutting edges are provided with round corners to minimise damage to the ship hold. The corners of the grab shells have extra protection plates

to increase the strength and protect the welds between the side plates and the back plates.

## Grabs for mobile harbour cranes

Verstegen is world market leader in rope grabs for mobile harbour cranes (Gottwald and Liebherr). The highest selling grabs for these cranes are the Verstegen enclosed models grabs because they offer high production rates and are extremely reliable.

### ENQUIRIES

Web: [www.verstegen.net](http://www.verstegen.net)

