

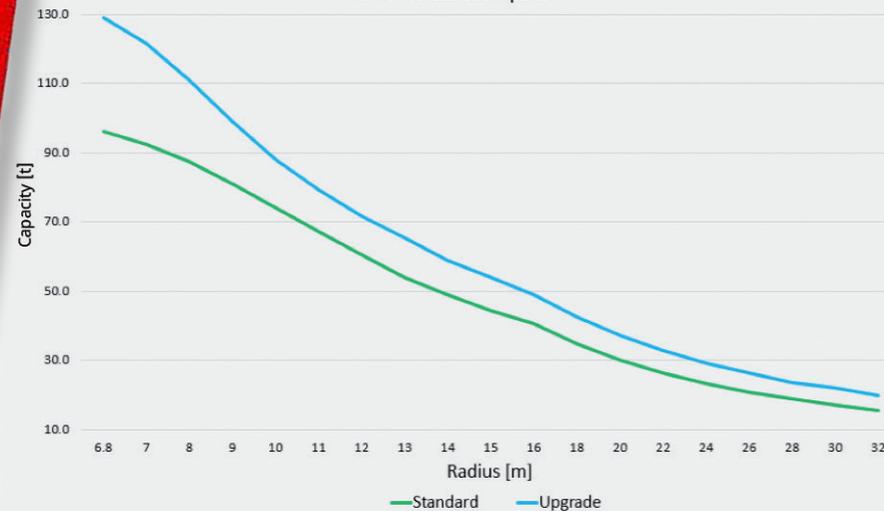
DO YOU NEED 10-15% MORE CAPACITY?

We can help you!

Our in-house developed design software STERK© enables us to calculate capacity charts for all types of cranes, independent of any crane brand or type. Even the charts for telescopic cranes and heavy ringer cranes can be calculated. STERK© also calculates 2nd order effects, which makes it perfectly suitable for the calculation of charts for extreme long booms and jibs. The flexible software structure allows us to quickly determine the weakest link in a crane design and apply the necessary reinforcements. Of course, all within the specified limits of the applicable standard or guideline.

Capacity EAGER.ONE 5000 H

Boom: 36 m
2x reinforced boom parts



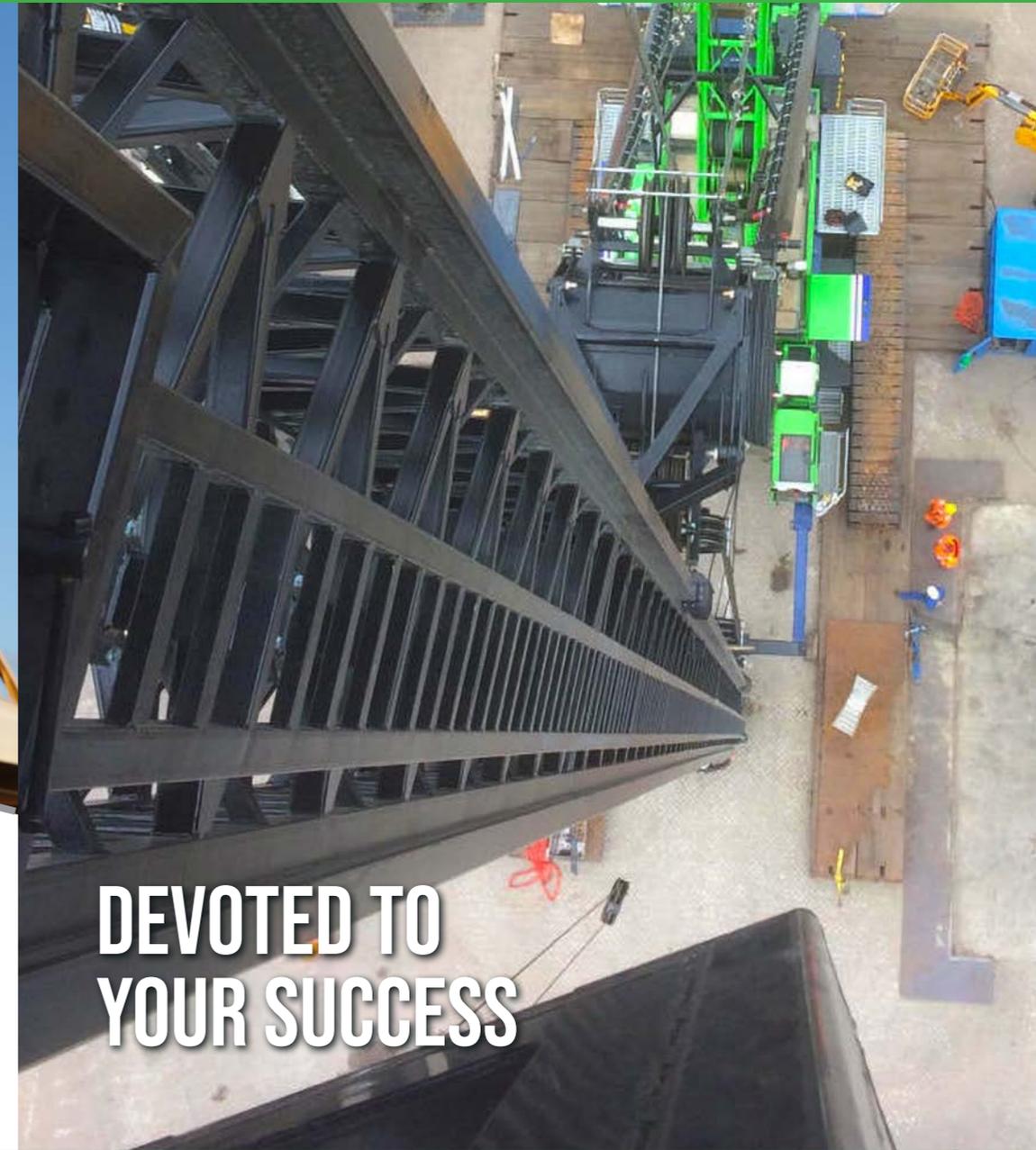
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WHAT WE DO

As an independent partner, we advise about, design and construct everything in the field of heavy lifting and transport, from concept study to project completed. Our in-house developed design software calculates all aspects of (mobile) cranes and custom-made (foundation) machines. Our engineers have the skills and expertise that guarantee your success!



DEVOTED TO YOUR SUCCESS

Complex lifting and foundation projects require intelligent partnerships. Our people understand your needs and persistently build towards your success.

NEW MACHINES

FROM DESIGN TO USER INSTRUCTION

The Eager.one engineers are specialized in equipment for heavy lifting and special transport. Mobile cranes, piling machines, lifting & foundation on water, applications for the offshore- and wind industry belong to our daily challenges. From concept sketches up to the final welding specification; we can cover all your needs.

WE CAN HELP YOU WITH:

- Design of transport, lifting and piling machines, and their components;
- Calculations according to required standard or guideline;
- Calculate capacity charts;
- Integrate machine components;
- Risk assessments & User instructions;
- CE marking.



MACHINE COMPONENTS



MODIFICATION OF MACHINE COMPONENTS TO YOUR NEEDS OR PROJECT SPECIFICATIONS

You do not have the design information available or you want to modify specific unique components? No problem! We will examine the existing machine in the field, acquire all relevant information and make sure the design fits perfectly into the existing machine.

- From concept to certified product
- For new and existing machines

SOME EXAMPLES OF MACHINE COMPONENTS:

- boom parts and boom head
- shifting table
- (luffing) jib
- built-in (hoisting) winch in boom part
- boom stops
- boom-leader connection
- leader(head)
- (additional) counterweight
- livemast
- struts
- pendant straps
- sliding parts
- hammer pulley
- a-frame
- generator frame



UPGRADE & CAPACITY

DETERMINE MACHINE CAPACITY

We have extensive knowledge of, and experience in, the design of foundation rigs based on mobile cranes or excavators. Our customer base includes leading manufacturers of cranes and heavy machinery worldwide.

With our in-house developed design software we can calculate capacity charts for all types of cranes and components, according to each required standard or guideline. For example:

- Upgrade capacities
- Redesign to contemporary standards
- Trial programs
- Upgrade of existing capacity charts

MACHINE CAPACITY ON PONTOONS

Crane capacity on land cannot simply be applied offshore. This requires special calculations that take into account the combination of the machine with the ship or pontoon and the environmental conditions, such as wind and wave action.

We can perform various calculations for both sheltered water and offshore:

- Pontoon stability under various load conditions;
- Crane or foundations machine capacity;
- Capacity charts regarding several offshore guidelines (Lloyds, DNV-GL, ABS).



As an independent player we have worked with many crane brands and types. Both the in-depth theoretical know-how, as well as the operational experience of our engineers, will truly add value to your team.