



STRUCTURAL CALCULATIONS

The correct input, competency and efficient approach are the basis to enact the necessary design checks, calculations and checks on information and instructions to ensure the conformity of the machinery with the relevant requirements due to the machinery and construction directives.

Atypical and advanced visualisation of the results helps the design team to make the right choice in the project development.

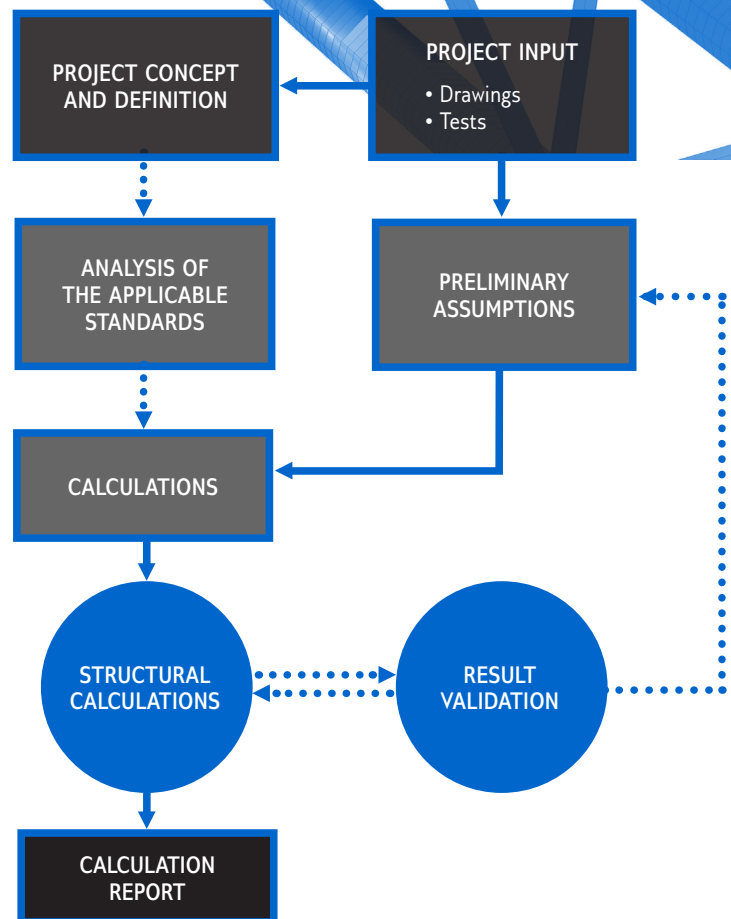
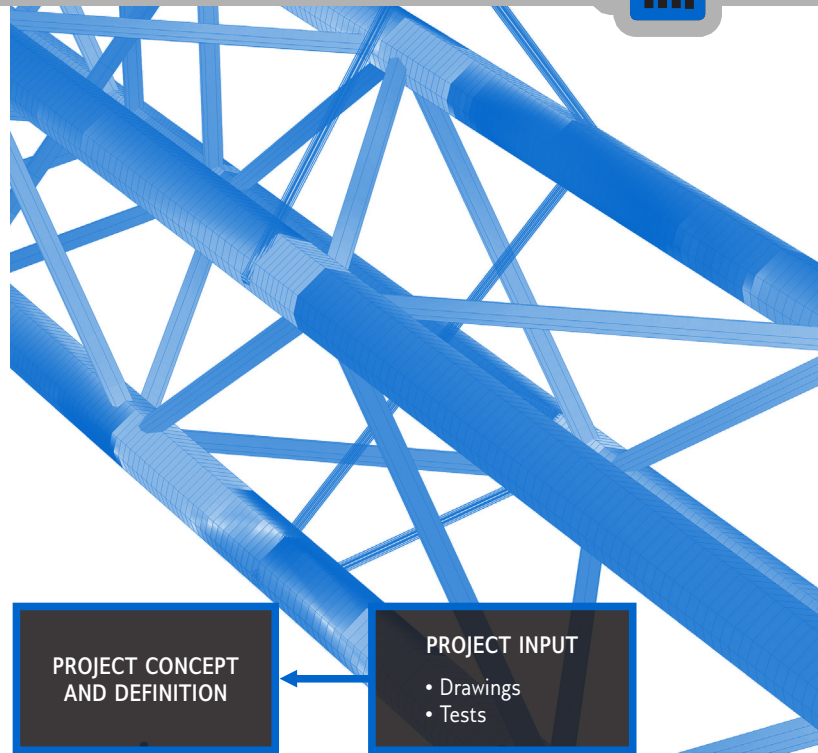
The design of the machinery and structures, including not only strength but also stability calculations, must take into account the risk assessment results.

Since an accurate engineering approach depends on atypical fields, the calculations must be based on competent hypotheses. These hypotheses are related to the suitable standard and safety coefficient, such as the correct wind loading analysis or operational cycles fatigue.

The purpose of the above requirements is to ensure that the machinery and the structure will not suffer damage or be unsafe while it is used in an atypical application within the entertainment field.

BLUMANO surveys are based on Eurocode, European and North American standards in order to have international recognition and acceptance.

Our structural reports are based on Eurocode and Limit State Design (LSD) to provide accurate design support.



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