



LIFTING - EXCEPTIONAL TRANSPORT and LASHING OF CARGO

On this website you can make numerous calculations with the help of more than **240** different sheets. Each calculation has its own specific drawing. It is displayed on a full screen and can be easily saved and printed as a unique file. Now you can check all kinds of lifting/transport/lashing situations carried out by yourself or your subcontractor!

Available **CALCULATIONS / DRAWINGS**:

LIFTING:

- 2- , 3- & 4-slings with equal and different elevations.
- Lifting – Spreader beam & Equalizer.
- Using one / two hooks.
- Crane capacity calculator.
- Ground pressure calculator.
- Stability of load.
- Symmetric & A-Symmetric load.
- Main Crane - Tail Crane.
- Windforce.

EXCEPTIONAL TRANSPORT:

- Load capacity, axle weights and other dimensions of SPMT, Conventional Modular Trailers (Platform / Girder / Lowbed / Dolly).
- Load capacity, axle weights and other dimensions of Semi - Lowloader, Lowbed, and Trailers.
- Stability (TIPPING & STRUCTURAL) of equipment related to **3 point - 4 point suspension**.
- Tractive force of SPMT and Prime mover.
- Ground pressure calculator for SPMT and Conventional Modular axle lines.

LASHING OF CARGO FOR SEAFREIGHT *(based on CSS/CTU)* - ROAD TRANSPORT: *(based on EN 12195)*

- Lashing Project Cargo.
- Lashing cargo in Container and on Flatrack.
- Combined Direct Lashing.
- Direct Lashing - Inclined.
- Direct Lashing - Sliding.
- Direct Lashing - Tilting.
- Lashing Down - Friction / Tilting.

Additional **INFORMATION**:

TECHNICAL DATABASE:

- Technical information about Lifting/Exceptional Transport/Lashing

SUPPLIERS: *(address/website)*

- Worldwide Crane & Exceptional Transport Companies and Heavy Lift Carriers.
- Worldwide manufacturers of Cranes and Exceptional Transport Equipment
- Equipment weblinks of Crane and Exceptional Transport Equipment.