



**sarens**  
group

[www.sarens.com](http://www.sarens.com)

**SARLIFT 750**

**75TON**



nothing too heavy, nothing too high





## SARLIFT 750

General information  
Algemene Informatie

75TON

Algemene informatie  
Informations générales

The SARLIFT system has been designed and built by the Sarens Special Project Department and is the result of years of investigation, analyzing, market research and testing of various solutions for the handling of heavy loads in specific situations and confined spaces, inaccessible to cranes. Systems with different capacities have been developed and have been operated successfully (*SARLIFT 750, SARLIFT 1000 and SARLIFT 2500*).

The 'SARLIFT' lifting system has been developed as multi-functional gantry lifting system. The general set up of the system consists out of following elements:

1. Diesel or power driven hydraulic pump unit;
2. Hoist towers which can be assembled in various combinations and variable heights;
3. Various cross-beams and girders with the function of lifting beam or push beam as points of application for the load to be transported;
4. Safety and synchronous valves are standard equipment. The specifications applied here make the Sarlift system the safest and most reliable means of vertical and horizontal load transport;
5. An electronic weighing system has been designed and is part of the auxiliary components of the Sarlift system.

In combination of the Sarlift and Sarskid systems creates unlimited load transport facilities, both in vertical and horizontal planes.

Assembling speed, restricted dimensioning, low overhead structure and conceptual safety specs make the Sarlift system qualitatively competitive with the traditional hoisting equipment types, and even superior to them in such working conditions where location and space are restrictive factors.

Detailed technical documentation is available upon request.

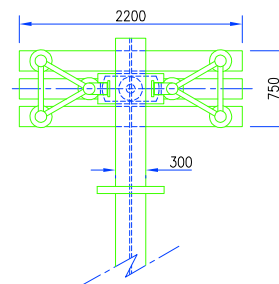
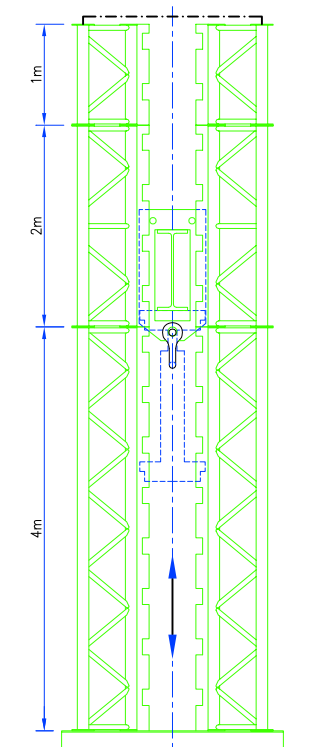
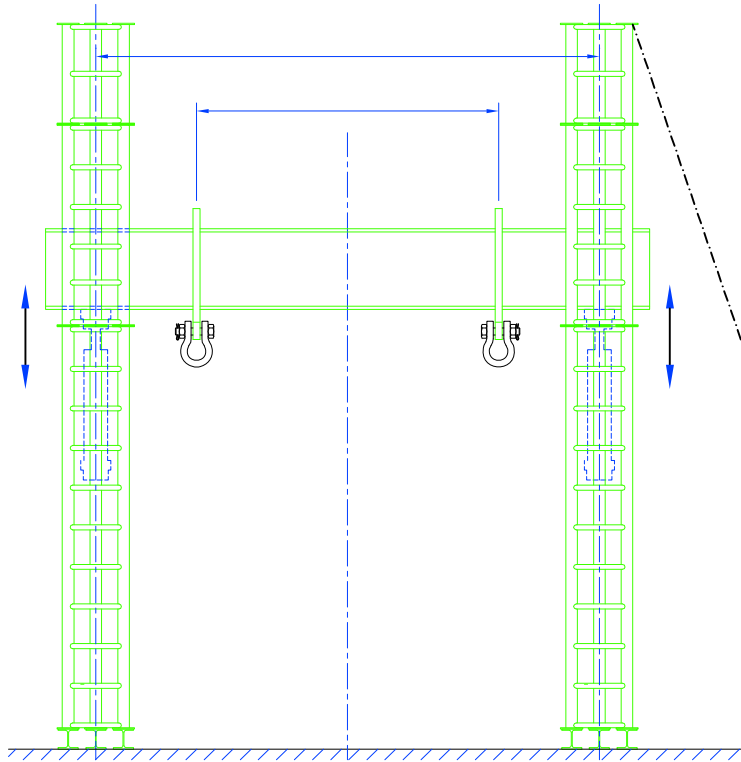


# SARLIFT 750

Working principle  
Funktionsgrundregel

# 75TON

Werkmethode  
Principe de fonctionnement





# SARLIFT 750

Characteristics  
Eigenschaften

# 75TON

Kenmerken  
Caractéristiques

Lifting capacity/column:	75 t
Dimensions footprint/column:	2.200 mm x 750 mm
Standard height column element:	1.000 mm – 4000 mm
Nett weight column element	140 Kg – 570 Kg
Minimum ( <i>starting</i> ) height:	2.200 mm
Nett complete foot element ( with jack )	2.250 Kg
Stroke:	700 mm
Maximum work pressure:	220 bar
Hydraulic power unit:	Electric (380 V – 63 A)

The complete system is designed in accordance to:

- DNV rules for planning and execution of marine operations
- EUROCODE 3, design rules for steel structures
- NS3472, design rules for steel structures

The complete system was tested in the Sarens facilities (certificate by notified body), every new system setup is recalculated and verified according to the local or applicable regulations.