

# Viking Norsafe HD-50 Free Fall Lifeboat Davit

## Technical Data:

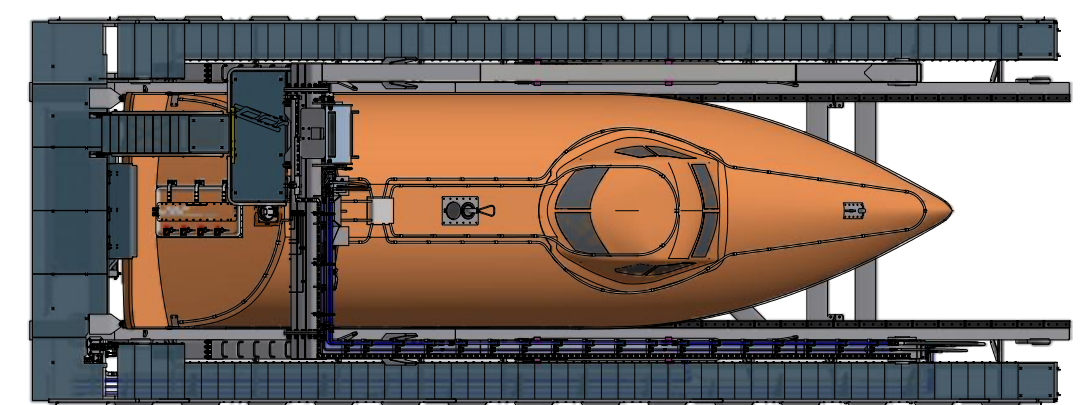
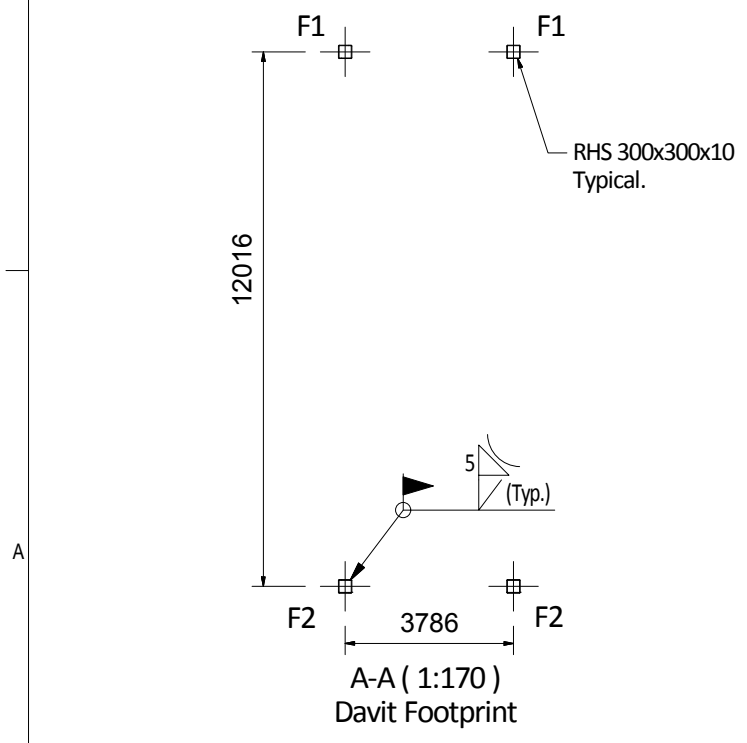
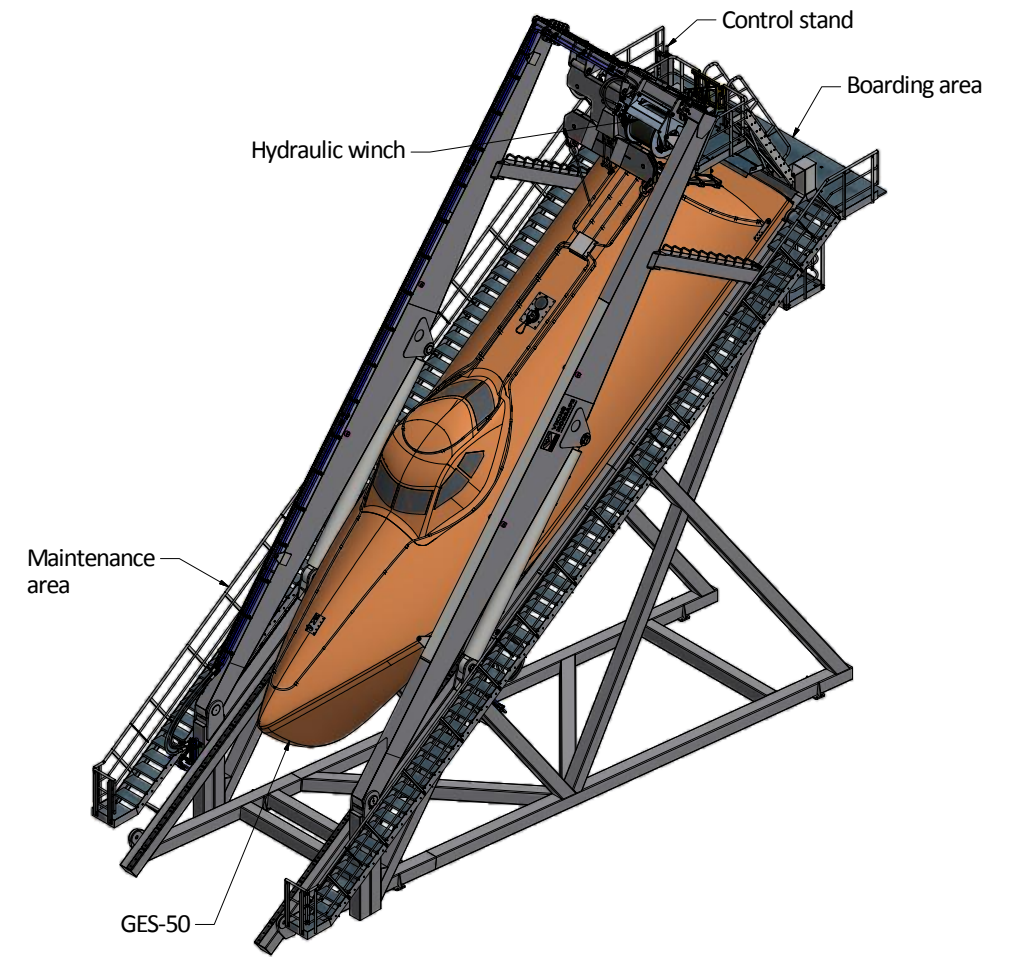
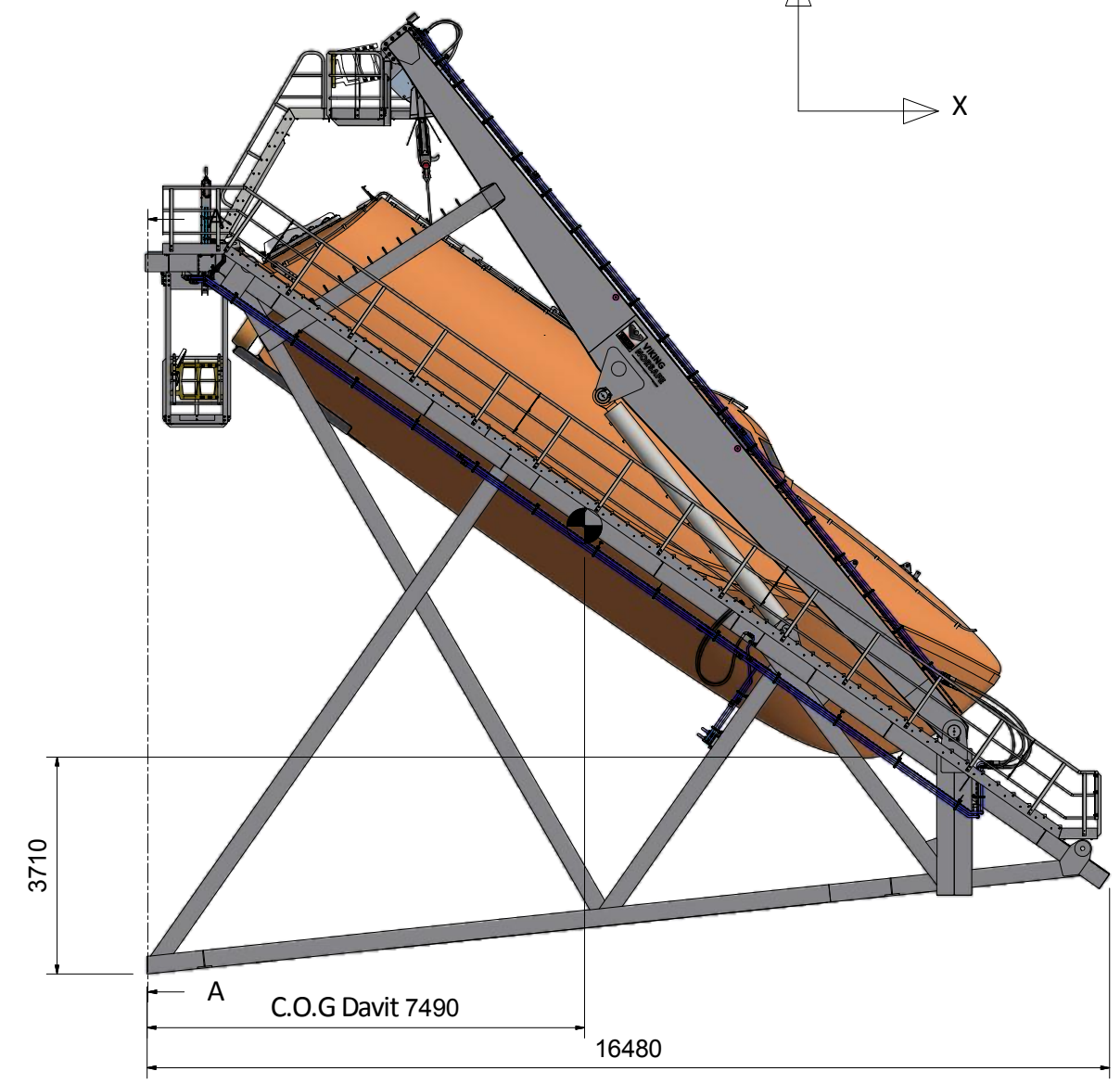
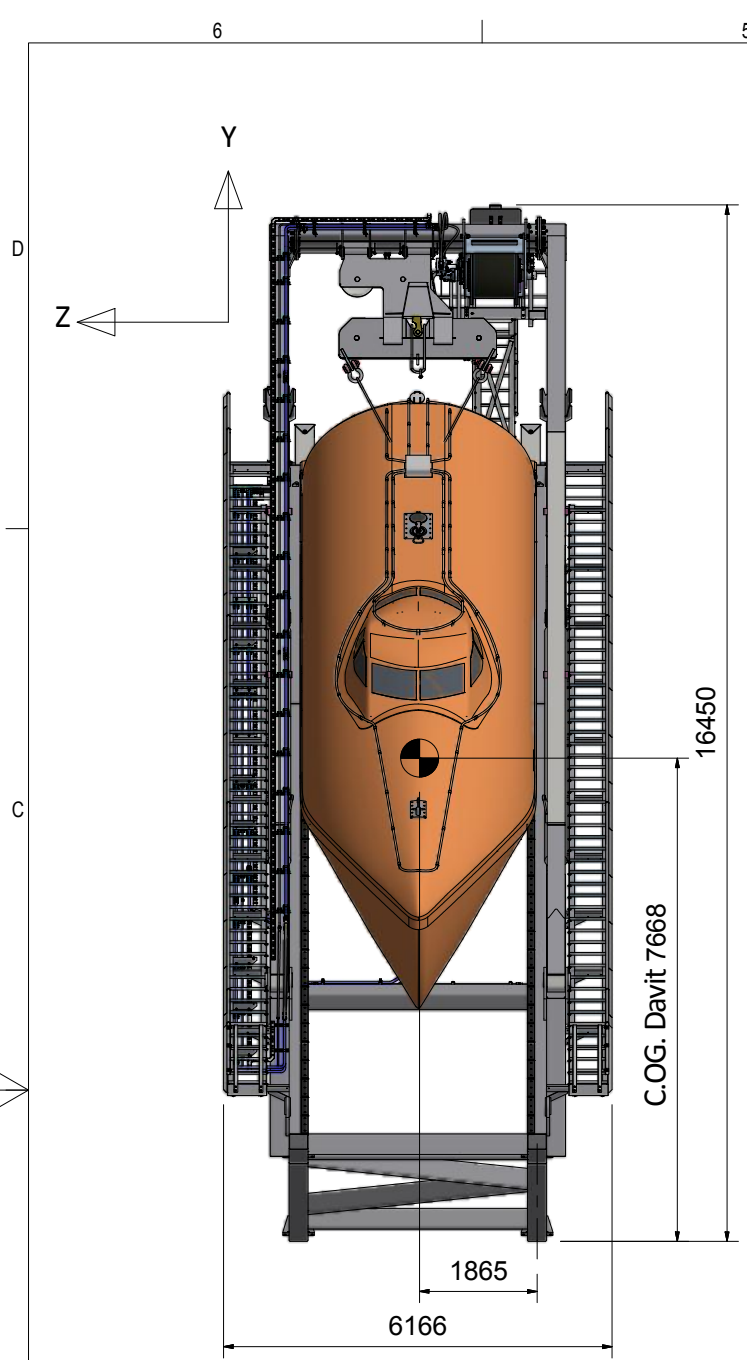
Davit weight approx:	39 000 kg
Davit Safety Working Load:	26 500 kg
Lowering:	26 500 Kg
Hoisting:	Empty lifeboat + 3 persons

Max installation height: 47 m  
Measured from lowest point on lifeboat to the sea level.

## Reaction Forces:

SOLAS: Unfactored reaction forces.  
R-002: Factored reaction forces. Load cases according to Norsok R-002.

All reaction forces are nominal point loads and will not occur at the same time. Detailed reaction forces are documented in reaction force reports.



FOOTPRINT / INTERFACE REACTION FORCES AND MOMENTS							
Regulation or Standard	Interface id	Fx (kN)	Fy (kN)	Fz (kN)	Mx (kNm)	My (kNm)	Mz (kNm)
SOLAS list +/- 20 deg trim +/- 10 deg	F1	545	342	120	40	86	235
SOLAS list +/- 20 deg trim +/- 10 deg	F2	905	206	129	53	173	34
R-002 list +/- 17 deg trim +/- 17 deg	F1	1272	751	284	104	255	507
R-002 list +/- 17 deg trim +/- 17 deg	F2	2142	376	399	166	528	48

1	Changed to Viking Norsafe Logo	CMH	BEN	GNI	08.08.2019
0	Issued for information	GNa	SHEI	KED	13.10.2016
REV	DESCRIPTION	BY	CHECK	APPRO	DATE

**REVISION HISTORY**

**VIKING NORSAFE**

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DWG SIZE: A3	SCALE: 1:120	COPY OF:	PART NO.:	WEIGHT:	SHEET: 1/1
CLIENT NO.:	PROJECTION METHOD:	<b>HD-50 DAVIT CANTILEVER STANDARD GENERAL ARRANGEMENT</b>			
TOLERANCES: ISO 2768-mk, ISO 13920-BF	REVISION: 1				
DWG No.: G-501416	PROJECT:				