

# Viking Norsafe HD-45 Free Fall Lifeboat Davit

## Technical Data:

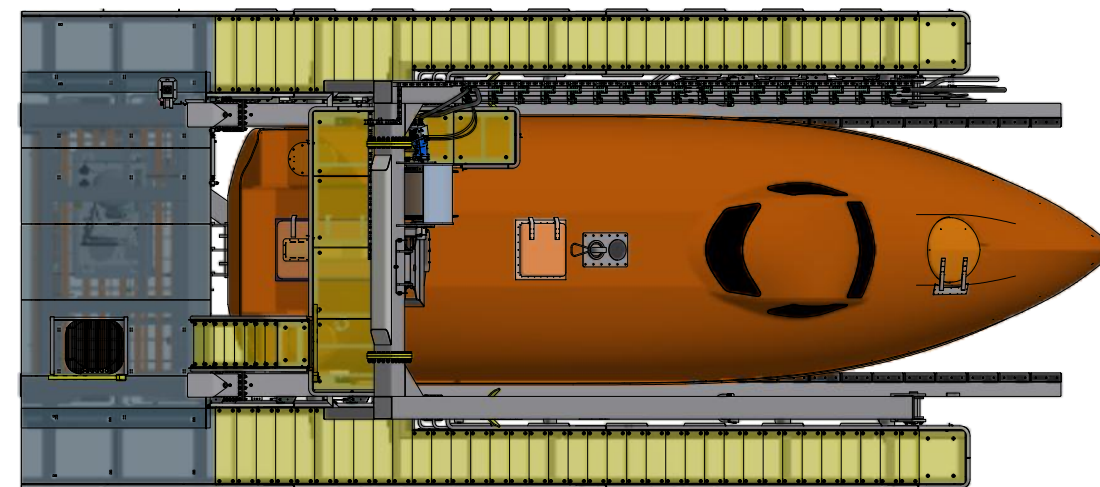
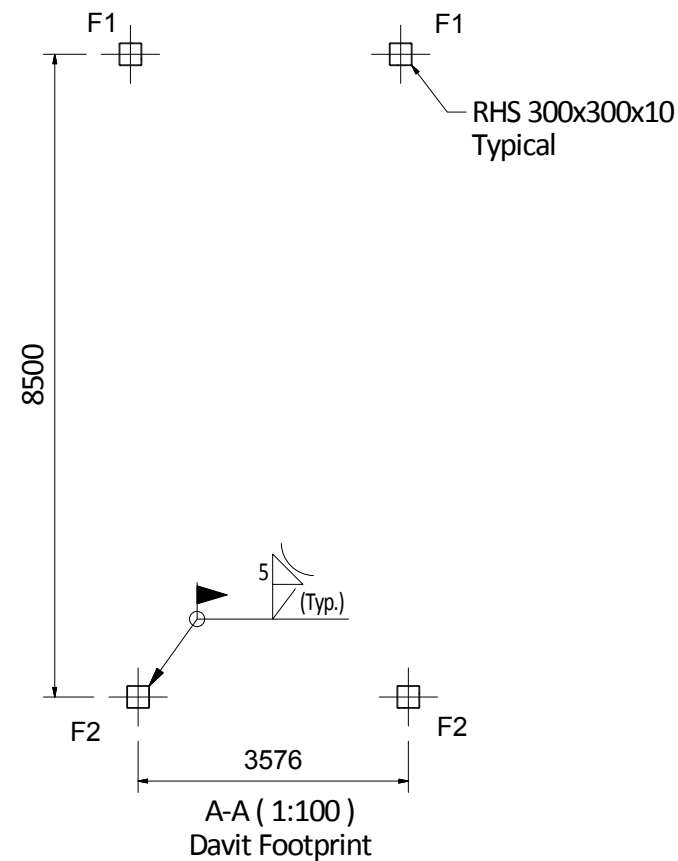
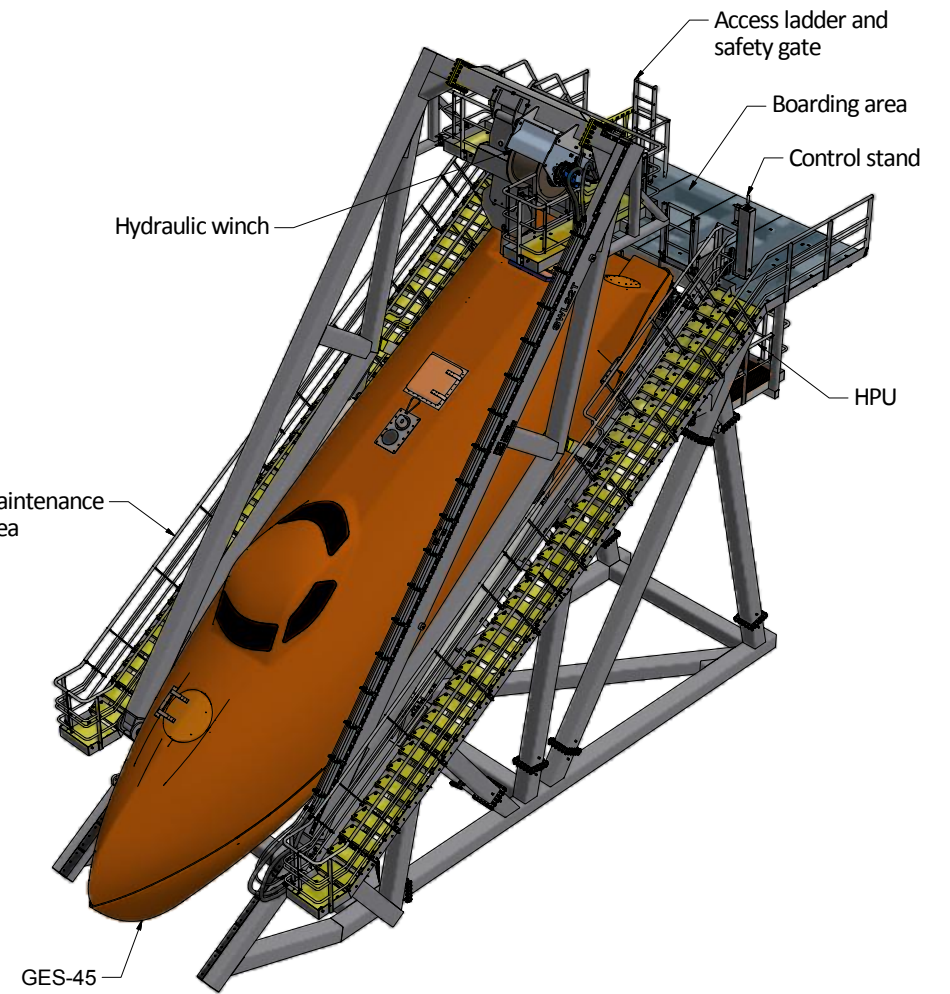
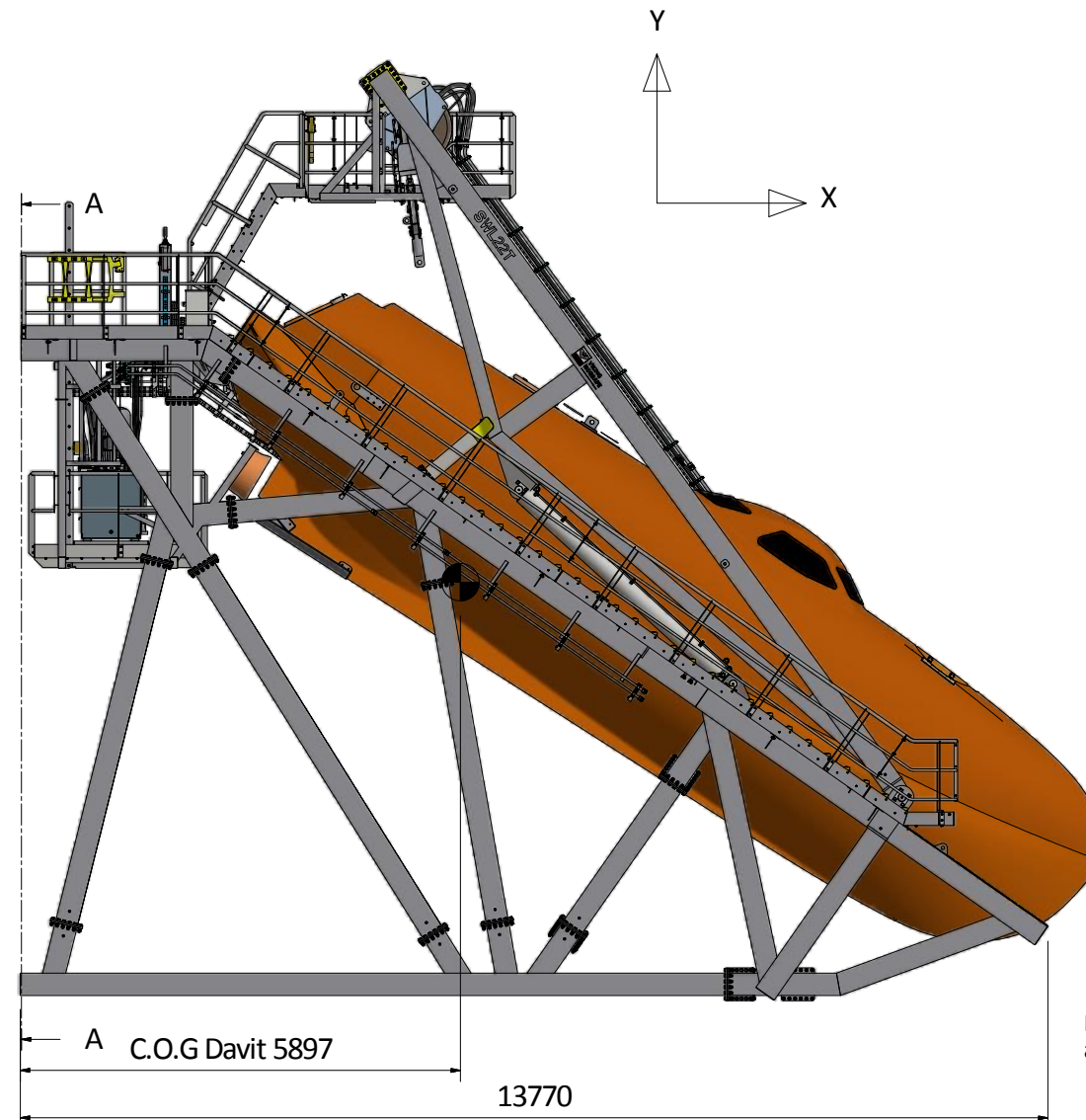
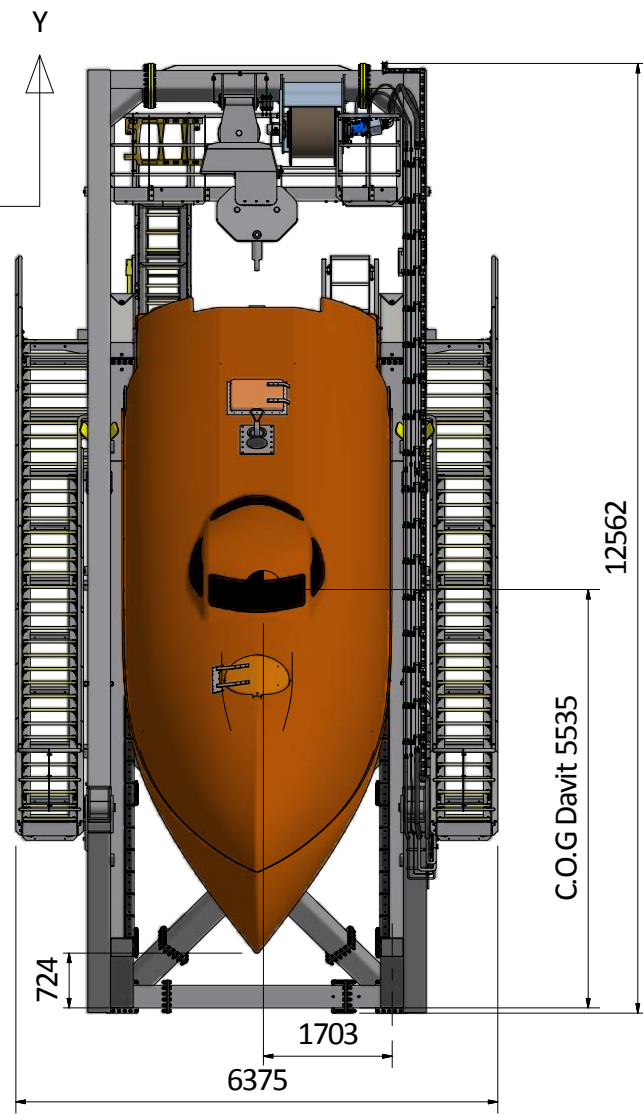
Davit weight approx:	35 000 kg
Davit Safety Working Load:	22 000 kg
Lowering:	22 000 kg
Hoisting:	22 000 kg

Max installation height: 40 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	560	177	52	6	45	90
SOLAS list +/- 20 deg trim +/- 10 deg	F2	763	286	137	10	24	24
R-002 list +/- 17 deg trim +/- 17 deg	F1	1255	378	159	18	168	192
R-002 list +/- 17 deg trim +/- 17 deg	F2	1712	467	497	41	118	47

REV	DESCRIPTION	BY	CHECK	APPRO	DATE
2	Changed Logo to Viking Norsafe	CMH	BEN	GNI	09.08.2019
1	Re-Issued for Information	GNa	SHEL	KED	04.11.2016
0	Issued for information.	PJA	KSL	KSL	29.07.2015

### 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:	HD-45 CANTILEVERED STANDARD GENERAL ARRANGEMENT			
TOLERANCES: ISO 2768-mk, ISO 13920-BF	REVISION:				
DWG No.: G-500952	PROJECT:				