



GANGWAY REQUIREMENTS FROM THE MARKET

Deployment on both vessel sides

Operable in $H_s=3.5\text{m}$ and 20m/s wind speed with telescoping speed $< 2,0\text{m/s}$

Minimum telescoping displacement: $\pm 5\text{m}$

Luffing angles $\pm 15^\circ$

Stepless adjustable from typically 15 to 25m above LAT

Harbour lift 6t at 12m outreach and 1t operational (3D compensated)

Automatic deployment (assisted landing function, use of 2nd control loop)

Bumper mode, push-on connection

Intrinsic safe hover mode

Minimum opening width 1200mm

Steel-to-steel distance lifting operations $>10\text{m}$, for all vessels with a beam $<20\text{m}$

Lifting equipment compliant to DNV GL ST-0378

Certified according to DNV GL ST-0358

Automatic hook function

Heave compensation, all 6 degrees of freedom are compensated

DIFFERENTIATORS

- Roll compensated mast structure
- Maximum telescoping speed $< 2\text{m/s}$
- Gangway Gannet designed as elevator
- No elevator required above lowest gangway position

SAFEWAY GANNET SPECIFICATIONS



Modified version of field proven Safeway Seagull design	Load handling 3D tip hoist including automatic hook	1,000kg optionally 2,000kg
Purposely designed for trolley operations	Safe passage personnel, hover mode Minimum boom length Maximum boom length	2 persons simultaneous 3 persons Medivac 18m 28m
Highest workability in the market (Hs=3,5 m with <2m/s telescoping speed)	Free passage width Vertical elevation stroke of bridge Mass gangway Mass HPU	Minimum 1.2m 10m Approx. 75mt Approx. 9.5mt
Fully integrated in vessel construction	Safe working conditions	Hs=3.5m @25m above SL
Roll compensation plus 10m vertical elevation stroke	Operating air temperature Roll compensation	-20°C to +55°C Maximum ±12.5°
Covered gangway for protection	Maximum luffing stroke	±10° operational; ±15° extremes
Class approved bumper / hover mode	Telescoping stroke of inner bridge	±5m including 1m safety margin
Low power consumption	Maximum telescoping speed	<2.0 m/s for all operating conditions
Elevator access to lowest access position	Power installed (HPU) Power consumed Required power supply Classification	240 kW Typically 85 kW-100 kW 440 V / 3 Ph / 60 Hz DNV GL or BV