

BRUDE Gangway System



Easy to install and operate, safe and secure for the crew and passengers



The **BRUDE Gangway System** is a complete and highly effective gangway system with coaming, mounted door and telescopic gangway, including hydraulic unit (HPU) and control panel. As an option, swing movement, 0 – 90 dgr. long ship can be delivered.

Door integrated in shipside or stand alone

The door is made of steel and hinged to the coaming. The door is stiffened and made as strong as the ship's side. In the locked position the door fits tightly against a rubber gasket in the coaming. The door is locked by means of hydraulic cylinder. The cylinder operates two locking cleets mounted in the coaming, which interlock with two press bolts mounted on the door. Limit switch signals when the door is unlocked. The door has a hydraulic cylinder for the tilting movement. The door is opened or closed

by operating this cylinder. When the door is lowered and placed on the quay the gangway has a freefloat function to absorb the tidewater and the swell movement between the ship and the quay.

Telescopic gangway with railings

The telescopic gangway is attached to the inside of the door. The gangway is made of aluminium and has a threefold structure with an inner, middle and an outer element. The middle and outer elements have hydraulic cylinders for the telescopic extension of the gangway. The railings are firmly mounted on the inner and middle sections of the gangway. The outer part of the gangway needs manual railing. The aluminium profile of the gangway floor has been specially developed to ensure safe transfer of passengers.

BRUDE Gangway System Technical Information

Technical specifications

Height of coaming	4055 mm
Breadth of coaming	1925 mm
Depth of coaming	424 mm
Minimum recess	1415 mm
Weight of System Approx	3400 kg
Length of gangway	3500 mm
Length of telescope	5200 mm
Total length of gangway	8700 mm
Tilting movement	0-38 degrees
Max height difference (deck to quay)	5800 mm

Hydraulic freefloat function unit with:

The hydraulic unit is the control unit for the Brude Gangway. Main unit components are

The tank, the hydraulic pump, valves 230V/60Hz electric motor and steering system.

The unit is powered by means of 230V from the ship's electrical system.

The hydraulic unit is connected to the door lock cylinders, the door cylinder, the swing cylinder, and the telescopic gangway cylinders. All functions are controlled from by means of valves in the vicinity of the gangway. The valves are operated manually.

Typical Yard supply

Preparation of hull and structure in accordance with drawing from Brude.

Components in accordance with drawing from supplier.

Cables from power consumption.

Personnel for welding of coaming and details on hull and structure.

Crane operations and assistance for installation.

Compliance with checklist from supplier to be verified in writing before installation supervision

The BRUDE Gangway System is designed and manufactured according to the latest SOLAS, Classification Society and National Authority requirements.



For further informations about this product or any other products please contact:



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