



Side-hinged ramp covers

Internal vehicle access between different levels on RoRo vessels is normally over fixed or hoistable ramps. Where a fixed ramp is specified, the opening above can be closed by a side- or end-hinged ramp cover. A side-hinged cover can be installed wherever sufficient transverse and vertical stowage space is available. Operation is by a number of direct-acting cylinders fitted below the cover on the hinge side.

SIDE-HINGED RAMP COVERS

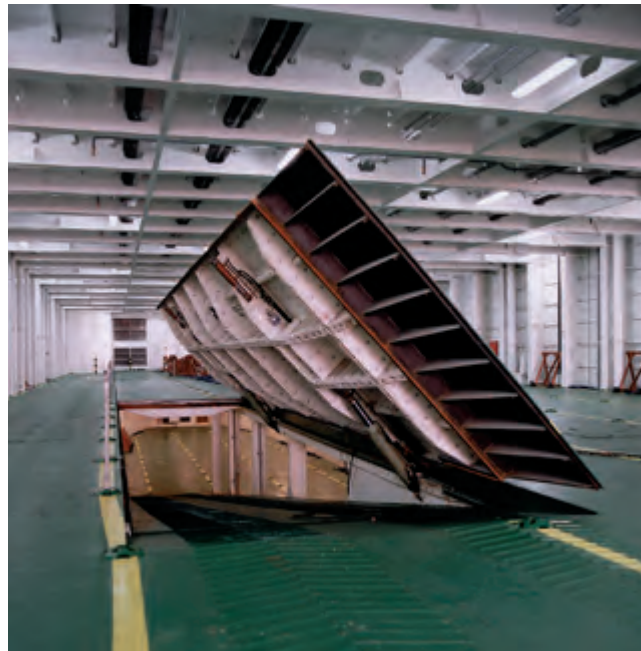
Locking in the open position is ensured either by a suitable locking device supported by the hull structure on the upper side or by a hydraulic locking mechanism in the hinge-side coaming.

When in its open position, the cover always allows full free width for loads descending the ramp to the deck below. When closed, the cover is flush with the surrounding deck and has the same load-bearing capacity. If required, a cover can be designed to withstand pressure from below.

TTS side-hinged covers are normally built as open constructions in one, two or three sections; these open sequentially.

Covers can be made water- or gastight, using a rubber gasket compressed by a steel flat bar. Fireproofing and insulation can also be in-built if requested.

A control stand is normally placed nearby on the same deck as the cover. A panel with an (LED) display indicates whether the cover is in its locked or free position. If required, a remote display can be supplied to indicate when the cover is fully secured and cleared.



◀ The ramp cover can also be used partly open

The side-hinged ramp cover in a stowed position showing automatically folding barrier

