

INTERNATIONAL
STANDARD

ISO
9367-2

First edition
1994-01-15

**Lashing and securing arrangements on
road vehicles for sea transportation on
Ro/Ro ships — General requirements —**

Part 2:
Semi-trailers

*Dispositifs d'arrimage et de saisissage des véhicules routiers en transport
maritime sur navires rouliers — Conditions générales —*

Partie 2: Semi-remorques



Reference number
ISO 9367-2:1994(E)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 9367-2 was prepared by Technical Committee ISO/TC 22, *Road vehicles*.

ISO 9367 consists of the following parts, under the general title *Lashing and securing arrangements on road vehicles for sea transportation on Ro/Ro ships — General requirements*:

- *Part 1: Commercial vehicles and combinations of vehicles, semi-trailers excluded*
- *Part 2: Semi-trailers*

Annexes A, B and C of this part of ISO 9367 are for information only.

© ISO 1994

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Organization for Standardization
Case Postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland

Lashing and securing arrangements on road vehicles for sea transportation on Ro/Ro ships — General requirements —

Part 2: Semi-trailers

1 Scope

This part of ISO 9367 specifies the minimum requirements to allow efficient lashing and securing of semi-trailers, as defined in ISO 3833, on board roll-on/roll-off (Ro/Ro) ships, indicating in particular the lashing arrangements on the semi-trailer and the securing method to be used. It also gives, in annex A, for information to semi-trailer designers, the securing point arrangements generally used on Ro/Ro ships as laid down by International Maritime Organization (IMO) recommendations. In annex B, it gives for information some design indications to decrease damage during handling.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO 9367. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO 9367 are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 1726:1989, *Road vehicles — Mechanical coupling between tractors and semi-trailers — Interchangeability.*

ISO 3833:1977, *Road vehicles — Types — Terms and definitions.*

3 Definitions

For the purposes of this part of ISO 9367, the following definitions apply.

3.1 Ro/Ro ship: Ship, normally not transversely subdivided, with one or more decks, closed or open, generally running the entire length of the ship, on which goods can be loaded by means of ramps and/or lifts. The cargo is

— either self-moving, on road vehicles including road tank vehicles, semi-trailers, trailers, rolling pallets and similar cargo transport units,

— or transported on loading vehicles moving between ship and shore.

[ISO 9367-1:1989, definition 3.1]

3.2 semi-trailer: Trailer which is designed to be coupled to a semi-trailer towing vehicle and to impose a substantial part of its total weight on the towing vehicle.

[ISO 3833:1977, definition 3.2.2]

3.3 lashing point: That part on a semi-trailer to which a lashing may be directly attached and which meets the requirements of this part of ISO 9367. [Adapted from ISO 9367-1:1989, definition 3.4]