

INTERNATIONAL STANDARD

ISO
10658

First edition
1996-02-15

Industrial trucks operating in special conditions of stacking with load laterally displaced by powered devices — Additional stability test

*Chariots de manutention travaillant dans des conditions de gerbage
spéciales, avec la charge décentrée latéralement par un dispositif
à moteur — Essai de stabilité supplémentaire*



Reference number
ISO 10658:1996(E)



Documents
Document Sharing Hub

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 10658 was prepared by Technical Committee ISO/TC 110, *Industrial trucks*, Subcommittee SC 2, *Safety of powered industrial trucks*.

© ISO 1996

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

Industrial trucks operating in special conditions of stacking with load laterally displaced by powered devices — Additional stability test

1 Scope

This International Standard specifies an additional test for the stability of a laden truck fitted with a load-handling device, such as a side shift, which can displace the centre of gravity a substantial predetermined amount from the longitudinal centre plane of the truck (see figure 1), and which is to be used in that mode for depositing and retrieving a load with the mast approximately vertical on substantially firm, smooth, level and prepared surfaces

A substantial displacement is considered to be:

- a) more than 100 mm, for a truck with a rated capacity up to and including 6 300 kg (13 850 lb);
- b) more than 150 mm, for a truck with a rated capacity over 6 300 kg (13 850 lb) up to and including 10 000 kg (22 000 lb);
- c) more than 250 mm, for a truck with a rated capacity over 10 000 kg (22 000 lb) up to and including 20 000 kg (44 000 lb);
- d) more than 350 mm, for a truck with a rated capacity over 20 000 kg (44 000 lb) up to and including 50 000 kg (110 000 lb).

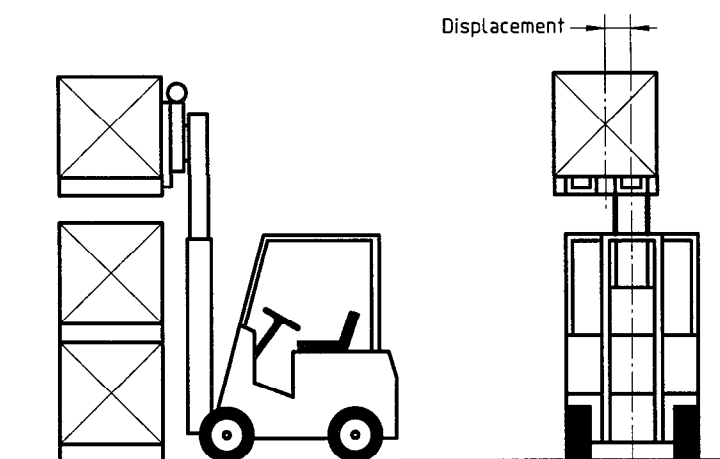


Figure 1 — Special conditions of stacking