

INTERNATIONAL STANDARD

ISO
4250-2

Third edition
1995-10-01

AMENDMENT 1
1997-06-01

Earth-mover tyres and rims —

Part 2:

Loads and inflation pressures

AMENDMENT 1

Pneumatiques et jantes pour engins de terrassement —

Partie 2: Charges et pressions de gonflage

AMENDEMENT 1



Reference number
ISO 4250-2:1995/Amd.1:1997(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.

Amendment 1 to International Standard ISO 4250-2:1995 was prepared by Technical Committee ISO/TC 31, *Tyres, rims and valves*, Subcommittee SC 6, *Off-the-road tyres and rims*.

© ISO 1997

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
Internet central@iso.ch
X.400 c=ch; a=400net; p=iso; o=isos; s=central

Printed in Switzerland

Earth-mover tyres and rims —

Part 2:

Loads and inflation pressures

AMENDMENT 1

Page 12, table 13

Replace the existing table with the following table.

Table 13 — Symbol-marked 65 series radial tyres for earth-moving service

Tyre size designation	Symbol	Earth-moving service for relatively short hauls, reference speed 50 km/h		Earth-moving slow speed service, reference speed 10 km/h (loaded conditions)	
		Load kg	Inflation pressure kPa	Load kg	Inflation pressure kPa
25/65 R 25	★	5 800	325	10 600	475
	★★	7 750	450	12 850	625
30/65 R 25	★	8 000	325	15 000	475
	★★	10 600	450	18 000	625
30/65 R 29	★	8 500	325	16 000	475
	★★	11 500	450	19 000	625
35/65 R 33	★	13 600	350	23 000	500
	★★	17 500	500	27 250	650
40/65 R 39	★	18 500	350	31 500	500
	★★	—	—	37 500	650
45/65 R 39	★	23 600	350	40 000	500
	★★	—	—	—	—
45/65 R 45	★	25 000	350	42 500	500
	★★	—	—	50 000	650
50/65 R 51	★	31 500	350	54 500	500
	★★	—	—	65 000	650

Page 13, table 16

Replace the existing table with the following table.

Table 16 — Load capacities for earth-mover tyres on industrial vehicles

Maximum speed when loaded	Off-road ¹⁾	Hard improved surfaces ²⁾³⁾
Static	+ 60 %	+ 80 %
Creep	+ 30 %	+ 60 %
5 km/h	+ 13 %	+ 45 %
10 km/h	0	+ 35 %
15 km/h	– 7 %	+ 30 %
20 km/h	– 12 %	+ 27 %
25 km/h ⁴⁾	– 15 %	+ 25 %
NOTE — For intermediate speeds, interpolations are permitted.		
1) Inflation pressure for off-road service: use 10 km/h reference speed tables.		
2) Inflation pressure for hard improved surfaces: use 10 km/h pressure × 1,2.		
3) For steer-wheel loads on lift trucks, multiply “hard improved surface” load ratings by 0,8.		
4) For speeds above 25 km/h, consult the tyre manufacturer.		

This page intentionally left blank

STANDARDSISO.COM : Click to view the full PDF of ISO 4250-2:1995/Amd 1:1997

This page intentionally left blank

STANDARDSISO.COM : Click to view the full PDF of ISO 4250-2:1995/Amd 1:1997