

INTERNATIONAL STANDARD

ISO 4250-2

Third edition
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AMENDMENT 1
1997-06-01

Earth-mover tyres and rims —

Part 2:

Loads and inflation pressures

AMENDMENT 1

iTeh STANDARD PREVIEW

Pneumatiques et jantes pour engins de terrassement —

Partie 2: Charges et pressions de gonflage

AMENDEMENT 1

ISO 4250-2:1995/Amd 1:1997

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

Foreword

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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*.

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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.

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ICS 83.160.99

Descriptors: site equipment, self-propelled machines, earth-moving equipment, tyres, pneumatic tyres, loads (forces), load capacity, internal pressure.

Price based on 2 pages
