
**Building construction machinery and
equipment — Mobile crushers —**

**Part 2:
Safety requirements and verification**

*Machines et matériels pour la construction des bâtiments —
Concasseurs mobiles —*

Partie 2: Exigences de sécurité et vérification

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Contents

Page

Foreword	v
Introduction	vii
1 Scope	1
2 Normative references	1
3 Terms and definitions	3
4 Safety requirements and/or protective/risk reduction measures	3
4.1 General	3
4.2 Access	3
4.3 Operator's station	3
4.3.1 General	3
4.3.2 Moving parts	3
4.3.3 Engine exhaust	3
4.3.4 Sharp edges	3
4.3.5 Pipes and hoses	3
4.3.6 Construction	3
4.4 Lighting	4
4.5 Operator's controls and indicators	4
4.5.1 General	4
4.5.2 Emergency stop	4
4.5.3 Starting systems	5
4.5.4 Inadvertent activation	5
4.5.5 Uncontrolled motion	5
4.5.6 Remote control	5
4.5.7 Control panels, instrument and symbols	5
4.6 Steering system	6
4.7 Brake systems	6
4.7.1 General	6
4.7.2 Parking brakes	6
4.8 Feed hopper and feed device	6
4.8.1 Guarding requirements	6
4.8.2 Safety information for the operator's manual	6
4.9 Crushing device (crusher)	7
4.9.1 Feed opening	7
4.9.2 Jaw-type crushing device (jaw-type crusher)	7
4.9.3 Horizontal shaft impact (HSI) and vertical shaft impact (VSI) crushing device	8
4.9.4 Cone-type crushing device (cone-type crusher)	9
4.9.5 Roll-type crushing device	9
4.10 By-pass device	10
4.10.1 General	10
4.10.2 Inadvertent movement	10
4.10.3 Prevention of falling material	10
4.10.4 Hazard of trapping or entanglement	10
4.11 Magnetic separator	11
4.11.1 Magnetic hazard	11
4.11.2 Magnet discharge	11
4.12 Warning devices	11
4.13 Stability	11
4.14 Noise emission measurement	11
4.14.1 Noise reduction at source	11
4.14.2 Sound power level	11
4.14.3 Sound pressure level	12
4.15 Protective measures and devices	12
4.15.1 General	12

4.15.2	Hot parts	12
4.15.3	Moving parts	12
4.15.4	Guards	12
4.15.5	Isolation of energy sources	13
4.15.6	Sharp edges and acute angles	13
4.15.7	Exhaust gases	13
4.16	Lifting and tie-down	13
4.16.1	Lifting for transport	13
4.16.2	Tie-down for transport	13
4.16.3	Lifting and tie-down for maintenance	13
4.17	Electromagnetic compatibility (EMC)	13
4.18	Electrical and electronic systems	13
4.18.1	General	13
4.18.2	Degrees of protection	14
4.18.3	Electrical connections	14
4.18.4	Over-current protective devices	14
4.18.5	Batteries	14
4.18.6	Battery disconnection	14
4.18.7	Electrical connectors for auxiliary starting aids	15
4.18.8	Electric sockets for lighting	15
4.19	Pressurized systems	15
4.19.1	General	15
4.19.2	Hydraulic lines	15
4.19.3	Hydraulic hoses	15
4.20	Fuel tanks, hydraulic tanks and pressure vessels	15
4.20.1	General	15
4.20.2	Filler openings	16
4.20.3	Fuel tanks	16
4.20.4	Hydraulic tanks	16
4.20.5	Air pressure vessels	16
4.21	Fire protection	16
4.21.1	Fire resistance	16
4.21.2	Fire extinguisher	16
4.22	Maintenance	16
4.22.1	General	16
4.22.2	Frequent maintenance	16
4.22.3	Support devices	17
4.22.4	Access to the engine compartment	17
5	Verification of safety requirements and/or protective/risk reduction measures	17
6	Information for use	17
6.1	Safety labels	17
6.2	Operator's manual	17
6.2.1	Content	17
6.2.2	Storage of manual	19
6.3	Marking	19
	Annex A (informative) List of significant hazards	20
	Annex B (informative) Conveyor guard recommendations	23
	Annex C (informative) Guidelines for safely clearing blocked crushers	33
	Bibliography	36

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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 195, *Building construction machinery and equipment*.

This second edition cancels and replaces the first edition (ISO 21873-2:2009), which has been technically revised.

The main changes compared to the previous edition are as follows:

- general — applying to the entire document:
 - "and verification" has been added to the title for consistency;
 - additional clause numbering has been added for better readability and consistency;
 - "this part of ISO 21873" has been changed to "this document";
- in the Introduction, additional information has been added to conform with ISO Guide 78;
- in [Clause 2](#), normative references have been updated as appropriate;
- in [Clause 3](#), a reference to the ISO and IEC terminological databases has been added;
- in [Clause 4](#):
 - [4.2](#) has been simplified as the former text was already covered in the reference;
 - in [4.3.2](#), examples have been added;
 - in [4.4](#), the text related to visibility has been removed as it was ambiguous and not verifiable;
 - in the title of [4.5](#), the term "Operator's" has been added;
 - a new [4.5.6](#) relating to remote control has been added;

- 4.7 on brake systems has been split into 2 parts: one general and one for parking brakes;
- in 4.9, the term "crusher" has been replaced by "crushing device";
- in 4.8, 4.9, 4.10, and 4.11, titles have been added for better readability;
- in 4.9.5, gyratory crushers have been removed and the clause has been rewritten;
- in 4.14, an alternative method for noise emission measurement has been added;
- in 4.16, lifting and tie-down clarifications have been added on what requirements are for transport and what requirements are for maintenance;
- in Clause 5, clarifications have been made regarding documentation;
- in Clause 6, the term "machine" has been removed when relating to safety labels;
- in Annex A:
 - references have been updated as appropriate;
 - column for ISO 12100-2 has been removed;
- in Annex C, a new general warning related to rock breakers has been added;
- in the Bibliography, the references have been updated and a reference to ISO 13732-1 for hot surfaces has been added.

A list of all parts in the ISO 21873 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

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