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

**Part 1:
Terminology and commercial
specifications**

*Machines et matériels pour la construction des bâtiments —
Concasseurs mobiles —
Partie 1: Terminologie et spécifications commerciales*

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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 meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is ISO/TC 195, *Building construction machinery and equipment*.

This second edition cancels and replaces the first edition (ISO 21873-1:2008), which has been technically revised.

ISO 21873 consists of the following parts, under the general title *Building construction machinery and equipment — Mobile crushers*:

- *Part 1: Terminology and commercial specifications*
- *Part 2: Safety requirements*

Introduction

This part of ISO 21873 deals with mobile crushers which are used for crushing rocks or reprocessing construction materials.

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Building construction machinery and equipment — Mobile crushers —

Part 1: Terminology and commercial specifications

1 Scope

This part of ISO 21873 specifies terminology and commercial literature specifications for mobile crushers used for crushing rocks or reprocessing construction materials and capable of relocation between worksites.

It applies to mobile crushers that are either

- self-propelled (mounted on a chassis),
- lorry (truck) mounted, or
- semi-trailer mounted.

It does not apply to the following:

- fixed (stationary) crushers;
- large mining-type movable crushers.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 16754:2008, *Earth-moving machinery — Determination of average ground contact pressure for crawler machines*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

mobile crusher

machine affixed to a chassis which is typically composed of a feed device, a crushing device, a control system, a prime mover, a transmitting device, and a travel device designed for reducing the size of mineral-based material to particles meeting a desired specification

3.1.1

self-propelled mobile crusher

machine mounted to a chassis capable of propelling itself to another location

3.1.2

lorry-[truck-] mounted mobile crusher

machine mounted on and capable of being relocated on a lorry [truck] chassis