
**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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Published in Switzerland

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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.

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ISO 21873-1 was prepared by Technical Committee ISO/TC 195, *Building construction machinery and equipment*.

Introduction

This part of ISO 21873 deals with mobile crushers used together with earth-moving machinery mainly at construction job sites for crushing natural rocks, stones or concrete debris.

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Building construction machinery and equipment — Mobile crushers —

Part 1: Terminology and commercial specifications

1 Scope

This part of ISO 21873 establishes terminology and content of commercial literature specifications for mobile crushers, mounted on crawler, truck or semi-trailer, used in the building construction industry. It is not applicable to fixed crushers.

2 Normative references

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

ISO 11375:1998, *Building construction machinery and equipment — Terms and definitions*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 11375 and the following apply.

3.1

mobile crusher

machine intended for reducing the size of mineral-based material to particles of smaller dimension and which is capable of relocation on its own chassis

NOTE 1 Depending on the method of relocation, three mobile crusher types are identified:

- self-propelled mobile crusher mounted on crawler chassis (see Figure A.1);
- truck-mounted mobile crusher;
- semi-trailer-mounted mobile crusher.

NOTE 2 An equivalent definition is given in ISO 11375:1998, 3.4, as “Crushing and screening plant (recycling plant)”.

3.2

basic unit

base machine of the mobile crusher usually composed of a working device, an operation control device, a power source, and transmitting device, and a travel device

NOTE An hydraulic device is most often used as the power transmitting device.