

BS ISO 7133:2013



BSI Standards Publication

Earth-moving machinery — Scrapers — Terminology and commercial specifications

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National foreword

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The UK participation in its preparation was entrusted to Technical Committee B/513/1, Earth moving machinery (International). A list of organizations represented on this committee can be obtained on request to its secretary.

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**Earth-moving machinery —
Scrapers — Terminology and
commercial specifications**

*Engins de terrassement — Décapeuses — Terminologie et
spécifications commerciales*



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Contents

Page

Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
3.1 General.....	1
3.2 Masses.....	2
3.3 Modes of operation.....	2
3.4 Performance.....	3
4 Base machine	3
4.1 Types of scrapers.....	3
4.2 Dimensions.....	7
4.3 Nomenclature.....	9
5 Commercial literature specifications	13
5.1 Engine.....	13
5.2 Transmission.....	14
5.3 Drive axle(s).....	14
5.4 Steering.....	14
5.5 Brakes.....	15
5.6 Tyres.....	15
5.7 Hydraulic system.....	15
5.8 Elevated loading drive.....	16
5.9 Bowl.....	16
5.10 Cutting edge.....	16
5.11 System fluid capacities.....	16
5.12 Masses.....	16
5.13 Towed scraper hitch vertical load.....	17
5.14 Towing tractor power.....	17
Annex A (normative) Equipment dimensions	18
Bibliography	20

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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. 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.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 7133 was prepared by Technical Committee ISO/TC 127, *Earth-moving machinery*, Subcommittee SC 4, *Terminology, commercial nomenclature, classification and ratings*.

This third edition cancels and replaces the second edition (ISO 7133:1994), which has been technically revised.

Earth-moving machinery — Scrapers — Terminology and commercial specifications

1 Scope

This International Standard establishes terminology and the content of commercial literature specifications for scrapers (including towed scrapers) and their equipment.

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 5010, *Earth-moving machinery — Rubber-tyred machines — Steering requirements*

ISO 6484, *Earth-moving machinery — Elevating scrapers — Volumetric ratings*

ISO 6485, *Earth-moving machinery — Tractor-scraper — Volumetric rating*

ISO 6746-1, *Earth-moving machinery — Definitions of dimensions and codes — Part 1: Base machine*

ISO 6746-2, *Earth-moving machinery — Definitions of dimensions and codes — Part 2: Equipment and attachments*

ISO 7457, *Earth-moving machinery — Determination of turning dimensions of wheeled machines*

ISO 9249, *Earth-moving machinery — Engine test code — Net power*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 6746 and the following apply.

3.1 General

3.1.1

scraper

self-propelled or towed crawler or wheeled machine which has a bowl with a cutting edge positioned between the axles, and which cuts, loads, transports, discharges and spreads material through its forward motion

Note 1 to entry: The loading through a forward motion can be assisted by a powered mechanism (elevator) fixed to the scraper bowl.

[SOURCE: ISO 6165:2012, 4.7]

3.1.2

towed scraper

scraper that is not self-propelled but which is propelled instead by a towing machine on which the operator's station is located

[SOURCE: ISO 6165:2012, 4.7.1]