

BS ISO 7134:2013



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Earth-moving machinery — Graders — Terminology and commercial specifications

National foreword

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A list of organizations represented on this committee can be obtained on request to its secretary.

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

*Engins de terrassement — Niveleuses — 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 Performance.....	2
3.4 Attachments (for dimensions, see Annex B).....	2
4 Base machine	3
4.1 Types of graders.....	3
4.2 Dimensions.....	6
4.3 Nomenclature.....	7
5 Attachments	9
5.1 Dimensions.....	9
5.2 Nomenclature.....	11
6 Commercial literature specifications	12
6.1 Engine.....	12
6.2 Transmission.....	13
6.3 Axles.....	13
6.4 Steering.....	14
6.5 Brakes.....	14
6.6 Tyres.....	14
6.7 Hydraulic system pumps.....	15
6.8 System fluid refill capacities.....	15
6.9 Mass.....	15
6.10 Overall grader dimensions.....	15
Annex A (normative) Equipment dimensions	16
Annex B (normative) Attachment dimensions	19
Bibliography	21

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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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 7134 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 7134:1993), which has been technically revised. It also incorporates Technical Corrigendum ISO 7134:1993/Cor 1:1996.

Earth-moving machinery — Graders — Terminology and commercial specifications

1 Scope

This International Standard establishes terminology and the content of commercial literature specifications for graders 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 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 15550:2002, *Internal combustion engines — Determination and method for the measurement of engine power — General requirements*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 6746-1 and ISO 6746-2, and the following apply.

3.1 General

3.1.1 grader

self-propelled wheeled machine with an adjustable blade positioned between the front and rear axles, which can be equipped with a front-mounted blade or scarifier that can also be located between the front and rear axles

[SOURCE: ISO 6165:2012, 4.8]

3.1.2 base machine

grader without equipment, as described by the manufacturer's specifications, but provided with the necessary mountings to secure the attachments

3.1.3 equipment

set of components mounted onto the base machine to fulfil the primary design function

3.1.4 attachment

optional assembly of components that can be mounted onto the base machine for a specific use