AS ISO 7132:2021
ISO 7132:2003

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Earth-moving machinery — Dumpers — Terminology and commercial specifications



AS ISO 7132:2021

This Australian Standard ® was prepared by ME-063, Earthmoving Equipment. It was approved on behalf of the Council of Standards Australia on 26 May 2021.

This Standard was published on 4 June 2021.

The following are represented on Committee ME-063:

Australian Industry Group
Better Regulation Division — SafeWork NSW
Construction and Mining Equipment Industry Group
Department of Regional NSW
Department of Resources, Qld
Engineers Australia
Institute of Instrumentation, Control & Automation Australia
Minerals Council of Australia
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This Standard was issued in draft form for comment as DR AS ISO 7132:2021.

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ISBN 978 1 76113 370 1

AS ISO 7132:2021
ISO 7132:2003

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First published as AS ISO 7132:2021.

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Preface

This Standard was prepared by the Standards Australia Committee ME-063, Earthmoving Equipment.

The objective of this document is to establish a terminology for, and the content of, commercial literature specifications for self-propelled dumpers (including compact dumpers), as defined in ISO 6165, used in earth moving.

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Foreword

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This document was prepared by Technical Committee 127, *Earth-moving machinery*, Subcommittee SC 4, *Terminology, commercial nomenclature, classification and ratings*.

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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NOTES

Australian Standard®

Earth-moving machinery — Dumpers — Terminology and commercial specifications

1 Scope

This International Standard establishes a terminology for, and the content of, commercial literature specifications for self-propelled dumpers (including compact dumpers), as defined in ISO 6165, used in earth moving.

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 3450, *Earth-moving machinery — Braking systems of rubber-tyred machines — Systems and performance requirements and test procedures*

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

ISO 6014:1986, *Earth-moving machinery — Determination of ground speed*

ISO 6016:1998, *Earth-moving machinery — Methods of measuring the masses of whole machines, their equipment and components*

ISO 6165, *Earth-moving machinery — Basic types — Vocabulary*

ISO 6483:1980, *Earth-moving machinery — Dumper bodies — Volumetric rating*

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

ISO 7457:1997, *Earth-moving machinery — Determination of turning dimensions of wheeled machines*

ISO 9249:1997, *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 6165 and the following apply.

3.1 General

3.1.1
dumper
self-propelled crawler or wheeled machine, with an open body, which transports and dumps or spreads material, loading being performed either by means external to the dumper or by self-loading equipment

3.1.2
base machine
machine with a cab or canopy and operator-protective structures (if required), without equipment or attachments but possessing the necessary mountings for such equipment and attachments

3.1.3
equipment
set of components mounted onto the base machine which allows an attachment to perform its design function

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