



SLOVENSKI STANDARD
SIST EN ISO 6165:2022

01-december-2022

Nadomešča:
SIST EN ISO 6165:2012

Stroji za zemeljska dela - Osnovni tipi - Identifikacija in slovar (ISO 6165:2022)

Earth-moving machinery - Basic types - Identification and vocabulary (ISO 6165:2022)

Erdbaumaschinen - Grundtypen - Identifizierung und Begriffe (ISO 6165:2022)

Engins de terrassement - Principaux types - Identification et vocabulaire (ISO 6165:2022)

Ta slovenski standard je istoveten z: EN ISO 6165:2022

ICS:

01.040.53	Oprema za transport materiala (Slovarji)	Materials handling equipment (Vocabularies)
53.100	Stroji za zemeljska dela	Earth-moving machinery

SIST EN ISO 6165:2022

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 6165

October 2022

ICS 01.040.53; 53.100

Supersedes EN ISO 6165:2012

English Version

Earth-moving machinery - Basic types - Identification and vocabulary (ISO 6165:2022)

Engins de terrassement - Principaux types -
Identification et vocabulaire (ISO 6165:2022)

Erdbaumaschinen - Grundtypen - Identifizierung und
Begriffe (ISO 6165:2022)

This European Standard was approved by CEN on 4 October 2022.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN ISO 6165:2022) has been prepared by Technical Committee ISO/TC 127 "Earth-moving machinery" in collaboration with Technical Committee CEN/TC 151 "Construction equipment and building material machines - Safety" the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by April 2023, and conflicting national standards shall be withdrawn at the latest by April 2023.

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

This document supersedes EN ISO 6165:2012.

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Endorsement notice

The text of ISO 6165:2022 has been approved by CEN as EN ISO 6165:2022 without any modification.

INTERNATIONAL
STANDARD

ISO
6165

Seventh edition
2022-09

**Earth-moving machinery — Basic
types — Identification and vocabulary**

*Engins de terrassement — Principaux types — Identification et
vocabulaire*

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ISO 6165:2022(E)

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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Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 127, *Earth-moving machinery*, Subcommittee SC 4, *Terminology, commercial nomenclature, classification and ratings*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 151, *Construction equipment and building material machines - Safety*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This seventh edition cancels and replaces the sixth edition (ISO 6165:2012), which has been technically revised.

The main changes are as follows:

- the following terms were added: operator protective structure (3.1.14), canopy (3.1.15), cab (3.1.16), minimal tail radius excavator (3.2.4.2) and vacuum excavator (3.2.13);
- the definition for compact tool carrier (3.2.12) was revised;
- the definition for compactor (3.2.9) was revised;
- the terminological entry for horizontal directional drill was deleted;
- [Annexes A](#) and [B](#) were revised according to the modification text.

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.

Introduction

This document establishes the vocabulary for earth-moving machinery according to the function and configuration. The safety requirements, for most of machine families listed in this document, are provided in the ISO 20474 series.

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