

STN	Stroje na zemné práce. Stroje na kolesovom podvozku. Požiadavky na systémy riadenia (mod. ISO 5010: 1992).	STN EN 12643 27 7525
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Earth-moving machinery - Rubber-tyred machines - Steering requirements (ISO 5010:1992 modified)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Obsahuje: EN 12643:2014

Oznámením tejto normy sa ruší
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English Version

Earth-moving machinery - Rubber-tyred machines - Steering requirements (ISO 5010:1992 modified)

Engins de terrassement - Engins équipés de pneumatiques
- Systèmes de direction (ISO 5010:1992 modifié)

Erdbaumaschinen - Radfahrzeuge - Lenkvermögen (ISO
5010:1992 modifiziert)

This European Standard was approved by CEN on 30 November 2013.

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Foreword

This document (EN 12643:2014) has been prepared by 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of an identical text or by endorsement, at the latest by August 2014, and conflicting national standards shall be withdrawn at the latest by August 2014.

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

Modifications to the ISO 5010:1992 text are indicated by a vertical line in the left margin of the text.

This document supersedes EN 12643:1997+A1:2008.

The main changes with respect to the previous edition are listed below:

- update of normative references;
- content list added;
- error correction in 10.3.4;
- update of Annex ZA.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document.

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1 Scope

This European Standard specifies steering system tests and performance criteria for evaluating the steering capability of rubber-tyred self-propelled earth-moving machines having a machine speed, determined in accordance with ISO 6014:1986, greater than 20 km/h.

It applies to tractors, loaders, backhoe loaders, excavators, dumpers, tractor-scrapers and graders equipped with either manual (unassisted) steering, power-assisted steering or fully powered steering as defined in ISO 6165:2006.

This European Standard excludes rollers, compactors and pipelayers.

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.

EN ISO 3450:2011, *Earth-moving machinery – Wheeled or high-speed rubber-tracked machines – Performance requirements and test procedures for brake systems (ISO 3450:2011)*

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

EN ISO 6165:2006, *Earth-moving machinery – Basic types – Identification and terms and definitions (ISO 6165:2006)*

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

koniec náhľadu – text ďalej pokračuje v platenej verzii STN