

<b>STN</b>	<b>Stroje na cestné, stavebné a zemné práce</b> <b>Symboly pre ovládače vodiča a iné oznamovače</b> <b>Časť 1: Všeobecné symboly</b>	<b>STN</b> <b>ISO 6405-1</b>  27 7508
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Earth-moving machinery  
Symbols for operator controls and other displays  
Part 1: Common symbols

Engins de terrassement  
Symboles pour les commandes de l'opérateur et autres indicateurs  
Partie 1: Symboles communs

Erdbaumaschinen  
Symbole für Bedienelemente und andere Anzeigen  
Teil 1: Gebräuchliche Symbole

Táto norma obsahuje anglickú verziu ISO 6405-1: 2017.

This standard includes the English version of ISO 6405-1: 2017.

#### **Nahradenie predchádzajúcich noriem**

Táto norma nahrádza STN ISO 6405-1 z apríla 1997 v celom rozsahu.

**128303**

## **Anotácia**

Tento dokument normalizuje symboly používané na ovládačoch pre vodiča a iné oznamovače používané pri rôznych typoch zemných strojoch, ako sú definované v ISO 6165.

## **Národný predhovor**

Táto norma obsahuje Národnú prílohu NA (informatívnu).

## **Normatívne referenčné dokumenty**

Nasledujúce dokumenty, celé alebo ich časti, sú v tomto dokumente normatívnymi odkazmi a sú nevyhnutné pri jeho používaní. Pri datovaných odkazoch sa použije len citované vydanie. Pri nedatovaných odkazoch sa použije najnovšie vydanie citovaného dokumentu (vrátane všetkých zmien).

POZNÁMKA 1. – Ak bola medzinárodná publikácia zmenená spoločnými modifikáciami, čo je indikované označením (mod), použije sa príslušná EN/HD.

POZNÁMKA 2. – Aktuálne informácie o platných a zrušených STN možno získať na webovej stránke [www.unms.sk](http://www.unms.sk).

ISO 6165 zavedená v STN EN ISO 6165 Stroje na zemné práce. Základné typy. Identifikácia a terminológia (ISO 6165) (27 7400)

IEC 80416-1 zavedená v STN EN 80416-1 Základné princípy grafických značiek používaných na zariadeniach. Časť 1: Vytváranie grafických značiek na registráciu (01 3760)

ISO 80416-2 zavedená v STN EN 80416-2 Základné princípy grafických značiek používaných na zariadeniach. Časť 2: Tvar a používanie šípok (01 3760)

IEC 80416-3 zavedená v STN EN 80416-3 Základné princípy grafických značiek používaných na zariadeniach. Časť 3: Pokyny na používanie grafických značiek (01 3760)

## **Vypracovanie normy**

Spracovateľ: Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky

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**Earth-moving machinery — Symbols  
for operator controls and other  
displays —**

Part 1:  
**Common symbols**

*Engins de terrassement — Symboles pour les commandes de  
l'opérateur et autres indicateurs —*

*Partie 1: Symboles communs*



Reference number  
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# Contents

Page

Foreword .....	iv
<b>1 Scope .....</b>	<b>1</b>
<b>2 Normative references .....</b>	<b>1</b>
<b>3 Terms and definitions .....</b>	<b>1</b>
<b>4 General .....</b>	<b>2</b>
<b>5 Colour .....</b>	<b>3</b>
<b>6 Development of new symbols .....</b>	<b>3</b>
<b>7 Adaptation of symbols as digital display icons .....</b>	<b>4</b>
<b>8 Base symbols .....</b>	<b>4</b>
<b>9 General symbols .....</b>	<b>6</b>
<b>10 Engine symbols .....</b>	<b>39</b>
<b>11 Transmission symbols .....</b>	<b>49</b>
<b>12 Hydraulic system symbols .....</b>	<b>53</b>
<b>13 Brake symbols .....</b>	<b>57</b>
<b>14 Fuel symbols .....</b>	<b>59</b>
<b>15 Lighting symbols .....</b>	<b>62</b>
<b>16 Window and visibility symbols .....</b>	<b>66</b>
<b>17 Climate control symbols .....</b>	<b>73</b>
<b>18 Seat symbols .....</b>	<b>76</b>
<b>19 Tyre, wheel, axle and suspension symbols .....</b>	<b>79</b>
<b>20 Steering symbols .....</b>	<b>85</b>
<b>Annex A (informative) Guidelines for the development and evaluation of graphical symbols .....</b>	<b>87</b>
<b>Bibliography .....</b>	<b>90</b>

## ISO 6405-1:2017(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](http://www.iso.org/directives)).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

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

For an explanation on 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 the following URL: [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 127, *Earth-moving machinery*, Subcommittee SC 3, *Machine characteristics, electrical and electronic systems, operation and maintenance*.

This third edition of ISO 6405-1 cancels and replaces the second edition (ISO 6405-1:2004), which has been technically revised with many new symbols added. It also incorporates the Amendment ISO 6405-1:2004/Amd 1:2010.

A list of all parts in the ISO 6405 series can be found on the ISO website.

# Earth-moving machinery — Symbols for operator controls and other displays —

## Part 1: Common symbols

**IMPORTANT** — The electronic file of this document contains colours which are considered to be useful for the correct understanding of the document. Users should therefore consider printing this document using a colour printer.

### 1 Scope

This document standardizes symbols for use on operator controls and other displays applicable to multiple types of earth-moving machinery as defined in ISO 6165.

NOTE 1 ISO 6405-2 covers symbols for specific types of earth-moving machines, equipment, and accessories.

NOTE 2 ISO 7000 and IEC 60417 can be consulted for additional internationally standardized symbols of potential relevance to earth-moving machinery.

### 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 6165, *Earth-moving machinery — Basic types — Identification and terms and definitions*

IEC 80416-1, *Basic principles for graphical symbols for use on equipment — Part 1: Creation of graphical symbols for registration*

ISO 80416-2, *Basic principles for graphical symbols for use on equipment — Part 2: Form and use of arrows*

IEC 80416-3, *Basic principles for graphical symbols for use on equipment — Part 3: Guidelines for the application of graphical symbols*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**