



SLOVENSKI STANDARD
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Transportable wall saw and wire saw equipment for job site - Safety

Transportable Wand- und Seilsägen für den Baustelleneinsatz - Sicherheit

Scies murales et scies à fil transportables de chantier - Sécurité

Ta slovenski standard je istoveten z: EN 15027:2007/prA1

ICS:

25.080.60	Strojne žage	Sawing machines
91.220	Gradbena oprema	Construction equipment

SIST EN 15027:2008/kprA1:2008 **en**

EUROPEAN STANDARD
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ICS 25.080.60; 91.220

English Version

Transportable wall saw and wire saw equipment for job site - Safety

Scies murales et scies à fil transportables de chantier -
Sécurité

Transportable Wand- und Seilsägen für den
Baustelleneinsatz - Sicherheit

This draft amendment is submitted to CEN members for unique acceptance procedure. It has been drawn up by the Technical Committee CEN/TC 151.

This draft amendment A1, if approved, will modify the European Standard EN 15027:2007. If this draft becomes an amendment, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration.

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Foreword

This document (EN 15027:2008/prA1:2008) 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 document is currently submitted to the Unique Acceptance Procedure.

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 Annexes ZA and ZB, which are integral parts of this document.

EN 15027:2008/prA1:2008 (E)**1 Modification to the Foreword**

Replace the 5th paragraph with the following:

"For relationship with EU Directive(s), see informative Annexes ZA and ZB, which are integral parts of this document."

2 Modification to Clause 2, Normative references

Delete "EN 294:1992, *Safety of machinery — Safety distance to prevent danger zones being reached by the upper limbs*".

Replace "EN 953:1997" with "EN 953".

Replace "EN 10111:1998" with "EN 10111:2008".

Add "EN ISO 13857:2008, *Safety of machinery — Safety distances to prevent hazard zones being reached by upper and lower limbs (ISO 13857:2008)*".

3 Modification to Table 1 — List of significant hazards

Add the following hazard:

"6.1	Low frequency, radio frequency radiation, micro waves	5.3, 7.3.2.3"
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4 Modification to 5.1, General

2nd paragraph:

Replace "EN 953:1997" with "EN 953" and "EN 294:1992" with "EN ISO 13857:2008".

5 Modification to 5.2.2.1, Moving parts not involved in the working process

1st paragraph, 2nd sentence:

Replace the 2nd sentence with the following:

"Guards shall comply with EN 953 and 5.3.2.2 of EN ISO 12100-2."

3rd paragraph:

Delete the 3rd paragraph, listings and NOTE.

6 Modification to 5.2.3, Stability

1st paragraph

Replace the text with the following:

"The machines shall be designed and constructed so that they are sufficiently stable during transportation, assembly or dismantling and under the intended operating conditions."

7 Modification to 5.2.8.2, Start and stop control for rotation and feed

1st paragraph, 1st sentence:

Delete the words "separate", "or" and "stop".

Add following paragraphs after the NOTE:

"Due to conditions on the construction site, danger zones can exist (as described in the operator's manual according to 7.3.2.3 and Annex E) that can not be supervised by the operator from the different possible control positions. For such cases, the manufacturer shall offer and/or recommend appropriate safety devices (e.g. protection guard, shock absorbing element etc.)

For cable-less control, an automatic stop shall be activated when correct signals are not received, including loss of communication."

8 Modification to 5.3, Electrical hazards

Add as last paragraph:

"Electromagnetic compatibility shall be verified by the manufacturer."

9 Modification to 7.2.1, Regular marking

First indent:

Replace the 1st indent with the following new indents: "

- manufacturer's (or authorised representative's) name and address;
- designation of machinery;"

Last indent:

Replace the footnote to text as follows:

"For machines and their related products intended to be put on the market in the EEA, CE-marking as defined in the applicable European Directive(s), e.g. Machinery."

EN 15027:2008/prA1:2008 (E)**10 Modification to 7.2.2, Other information**

Replace the 1st indent with the following new indents: "

- rated input in W or kW, at rated operating time S1 (electric motors);".
- continuous maximum output power of the engine in Watt or kW under operational conditions (internal combustion engines);".

11 Modification to 7.3.2.1, Description of the machine

Replace 2nd indent with the following indent: "

- business name and full address of the manufacturer and, where applicable, his authorized representative;".

4th indent:

Add "reasonably" before "foreseeable misuse".

Add as new 9th indent: "

- a listing of parts and accessories allowed for intended use;".

12 Modification to 7.3.2.3, Instructions for the installation and use of the machine

8th indent:

Replace "advice" with "demand".

Add as new 9th indent: "

- information, that from each control position, the operator shall be able to ensure that no-one is in the danger zones otherwise it is not allowed to start or operate the machine;".

10th indent:

Replace text with the following: "

- reference to danger by wire tear and thereby connected wire lash (Annex E);"

Add as last indents: "

- as blockages are likely to occur, information on the method to be followed for safely unblocking;
- information concerning electromagnetic compatibility (EMC) shall be given by the manufacturer where machinery is likely to emit non-ionising radiation."

13 Modification to 7.3.4, Spare parts list

Add "health and" before "safety".