
Elektromotorna orodja - Postopek meritve prahu - 2-5. del: Posebne zahteve za krožne žage - Dopolnilo A1

Electric motor-operated tools - Dust measurement procedure - Part 2-5: Particular requirements for circular saws

Motorbetriebene Elektrowerkzeuge - Staubmessverfahren - Teil 2-5: Besondere Anforderungen für Kreissägen

Outils électriques à moteur - Procédure de mesure de la poussière - Partie 2-5: Exigences particulières pour les scies circulaires

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Ta slovenski standard je istoveten z: EN 50632-2-5:2016/prA1

ICS:

25.100.40	Žagni listi	Saws
25.140.20	Električna orodja	Electric tools

SIST EN 50632-2-5:2016/oprA1:2021 **en**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
EN 50632-2-5:2016

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English Version

Electric motor-operated tools - Dust measurement procedure - Part 2-5: Particular requirements for circular saws

Outils électriques à moteur - Procédure de mesure de la
poussière - Partie 2-5: Exigences particulières pour les
scies circulaires

Motorbetriebene Elektrowerkzeuge - Staubmessverfahren -
Teil 2-5: Besondere Anforderungen für Kreissägen

This draft amendment prA1, if approved, will modify the European Standard EN 50632-2-5:2016; it is submitted to CENELEC members for enquiry.

Deadline for CENELEC: 2021-06-18.

It has been drawn up by CLC/TC 116.

If this draft becomes an amendment, CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration.

This draft amendment was established by CENELEC in three official versions (English, French, German).

A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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European foreword

This document (EN 50632-2-5:2016/prA1:2021) has been prepared by CLC/TC 116 “Safety and environmental aspects of motor-operated electric tools”.

This document is currently submitted to the Enquiry.

The following dates are proposed:

- latest date by which the existence of this document has to be announced at national level (doa) dor + 6 months
- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) dor + 12 months
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) dor + 36 months (to be confirmed or modified when voting)

This amendment was developed to include improvements and clarifications suggested by practical tests.

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EN 50632-2-5:2016/prA1:2021 (E)

1 Modification to the European foreword

Replace the 5th paragraph with the following:

“This Part 2 is to be used in conjunction with EN 50632-1:2015 and its amendments.”

2 Modification to 4.3, “Operating conditions”

Replace the existing Table 101 with the following:

“

Table 101 — Operating conditions for circular saws intended to cut wood

Material and set-up	<p>Chipboard: P2 in accordance with EN 312:2010, density (610 ± 60) kg/m³, thickness (19 ± 1) mm, width (400 ± 2) mm, any length <i>a</i>.</p> <p>Chipboard is mounted horizontally on a bench with a working height matching the requirement for the vertical distance between the upper surface of the workpiece and the intake openings of the dust samplers as specified in 4.2.</p>
Orientation and operation	<p>Sawing of approximately 10 mm wide strips, over the width of 400 mm. The rip fence, if available, shall be used to perform the cuts. If a rip fence is not available, the cuts shall be performed using a guide rail. All available handles shall be used as specified in the instruction manual.</p> <p>During the test, the operator shall be positioned as illustrated in Figure 101. The test set-up illustrated in Figure 101 is appropriate for tools for right-handed use. For tools for left-handed use, the test set-up may be mirror-inverted.</p>
Tool bit/settings	<p>New saw blade as specified by the manufacturer for sawing chipboard at the beginning of each of the three tests.</p> <p>Speed setting devices, if any, shall be adjusted to the setting specified for sawing chipboard.</p> <p>Cutting depth: (30 ± 1) mm, or as close as possible to this value.</p>
Feed force	<p>The feed force applied to the tool shall be sufficient to ensure stable operation with good performance.</p>
Test	<p>During the working time of one test cycle, 30 cuts as specified above are performed equally distributed over the working time.</p> <p>NOTE Cutting 30 cuts in 10 min will require a cutting speed of 1,5 m/min, including sufficient time between the individual cuts.</p> <p>If the above cannot be achieved within 10 min, the time is extended to allow the required number of strips to be cut.</p>

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