
Elektromotorna orodja - Postopek meritve prahu - 2-14. del: Posebne zahteve za poravnalne skobeljnike - Dopnilo A1

Electric motor-operated tools - Dust measurement procedure - Part 2-14: Particular requirements for planers

Motorbetriebene Elektrowerkzeuge - Staubmessverfahren - Teil 2-14: Besondere Anforderungen für Hobel

Outils électriques à moteur - Procédure de mesure de la poussière - Partie 2-14: Exigences particulières pour les raboteuses

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Ta slovenski standard je istoveten z: EN 50632-2-14:2016/prA1

ICS:

25.100.25	Orodja za glajenje in ravnalna orodja	Tools for planing and broaching machines
25.140.20	Električna orodja	Electric tools

SIST EN 50632-2-14:2016/oprA1:2021 en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
EN 50632-2-14:2016

prA1

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ICS 13.040.40; 25.140.20

English Version

Electric motor-operated tools - Dust measurement procedure - Part 2-14: Particular requirements for planers

Outils électriques à moteur - Procédure de mesure de la
poussière - Partie 2-14: Exigences particulières pour les
raboteuses

Motorbetriebene Elektrowerkzeuge - Staubmessverfahren -
Teil 2-14: Besondere Anforderungen für Hobel

This draft amendment prA1, if approved, will modify the European Standard EN 50632-2-14:2016; 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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN 50632-2-14:2016/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 50632-2-14:2016/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 planers intended to cut wood

Material and set-up	Beech: length = (400 ± 2) mm, width a = planing width minus (15 ± 2) mm, thickness sufficient for one test cycle. At the beginning of the test the wood shall have a humidity of maximum 12 %. The work-piece 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.
Orientation and operation	Planing the complete length of 400 mm at the depth of cut specified below. 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.
Tool bit/settings	New blades at the beginning of each of the three tests Cutting depth: 0,5 mm or maximum cutting depth if less than 0,5 mm.
Feed force	The feed force applied to the tool shall be sufficient to ensure stable operation with good performance.
Test	During the working time of one test cycle, 80 planing operations as specified above are performed equally distributed over the working time. NOTE Performing 80 planing operations in 10 min will require a working speed of 4,0 m/min, including sufficient time between the individual planing operations.

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