
**Hand held motor operated tools - Part 2: Particular specifications - Section H:
Sheet metal shears and nibblers**

Hand-held motor operated tools -- Part II: Particular specifications -- Section H: Sheet metal shears and nibblers

Handgeführte Elektrowerkzeuge -- Teil II: Besondere Bestimmungen -- Hauptabschnitt H: Blechscheren und Nibbler

Outils portatifs à main à moteur -- Partie II: Règles particulières -- Section H: Scies à métaux et grignoteuses

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Ta slovenski standard je istoveten z: HD 400.3H S1:1981

ICS:

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CENELEC

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HAND-HELD MOTOR OPERATED TOOLS - PART 2 : PARTICULAR SPECIFICATIONS

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OUTILS PORTATIFS A MAIN A MOTEUR - PARTIE 2 : REGLES PARTICULIERES HANDGEFÜHRTE ELEKTROWERKZEUGE - TEIL 2 : BESONDERE BESTIMMUNGEN

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SECTION N	CISAILLES A HAIES ET CISEAUX A GAZON	HAUPTABSCHNITT N	HECKEN- UND GRASSCHEREN

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The Harmonization Document consists of the text of CEE Document (313-SEC)D .. /80, edition July 1980 together with common modifications. It has been prepared by CENELEC TC 313.

This HD was adopted by CENELEC on 7th July 1981.
All texts prepared by CENELEC exist in three official versions (English, French and German).

According to the CENELEC Internal Regulations the CENELEC member National Committees are bound to announce the existence of this Harmonization Document at national level

by or before: 1st July 1982

and to withdraw all conflicting national standards

by or before: 1st July 1984

and to bring any new national standards into line with this HD.

Harmonized national standards are listed on the HD information sheet, which is available from the CENELEC National Committees or from the CENELEC General Secretariat.

The CENELEC National Committees are the National electrotechnical committees of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxemburg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom

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FOREWORD

This Harmonization Document which is based on CEE Document (313-SEC)D ../80, is to be passed to the CEE-Editing Committee. It has been discussed by CENELEC Technical Committee 313 "Hand-held Motor-operated Tools", in their meeting held in November 1978 in Stockholm.

The present version was adopted by CENELEC TC 313 in their meeting held in October 1980 in Rome.

The A-deviations which the National Committees notified to the Secretariat are compiled in an informative annex.

These sections H to N of Part 2 in HD 400.3 have to be used together with Part 1 in HD 400.1.

The clauses of these sections supplement or modify the corresponding clauses in Part 1. Where there is no corresponding clause or sub-clause in these sections, the clause or sub-clause of Part 1 applies without modification as far as is reasonable.

Where the text of these sections states "addition", "modification" or "replacement", the relevant requirement, test specification or explanation of Part 1 should be adapted accordingly.

ENDORSEMENT NOTICE

CEE Document (313-SEC)D ../80, edition of July 1980 applies except for the following modifications:

SECTION CLAUSE	MODIFICATION	REASON
H SHEET METAL SHEARS AND NIBBLERS 23.2	Harmonized cable type HO7-RN-F is required.	Non-detachable cables and cords are subjected to considerable stresses.
I TAPPERS 10.1	This test is not carried out.	Normal load is equal to rated input.
J JIG SAWS	No deviations	
K CONCRETE VIBRATORS 17.1 20.11 23.2	SIST HD 400.3H S1:1995 Addition to 2-min. test: "...and if this switch has no arrangement to lock it in the "ON"- position" Requirement is deleted. Harmonized cable type HO7-RN-F is required.	For clarification Requirement is now incorporated in Sub-clause 17.1. Instead of cable CEE (2)65
L CHAIN SAWS 10.1 18.2	This test is not carried out. Both handles (including the motor part if suitably shaped to serve as a handle) shall be guarded to prevent the operators hand from slipping off a handle on to the chain.	Normal load is equal to rated input. Mechanical safety.

SECTION CLAUSE	MODIFICATION	REASON	
18.3	Addition: "For two-man operated saws a rigid safety bar shall be fitted above and along the whole of the back of the chain. Compliance is checked by inspection."	Mechanical safety.	
23.2	Harmonized cable type HO7-RN-F is required.	Instead of cable CEE (2)65	
M PLANERS	<p style="text-align: center;">iTeh STANDARD PREVIEW (standards.it-portal)</p> <p style="text-align: center;">https://standards-iteh.ai/catalog/standards/sist/e01e5ca0-02b3-40a9-a73d-2b7ab88cac8a/sist-hd-400-3h-s1-1995</p>		
7.13		Further instructions for use of planer in inverted position is required.	Mechanical safety.
10.1		This test is not carried out.	Normal load is equal to rated input.
N HEDGE TRIMMERS AND SCISSOR- TYPE GRASS SHEARS			
8.6	Further instructions for use in conjunction with multi-purpose tools.	Mechanical safety.	

SECTION HSHEET METAL SHEARS AND NIBBLERS

2. DEFINITIONS

2.2

Modification:

18. Normal load denotes the load obtained when the tool is operated continuously, the load being such that the input, in watts, is equal to rated input.

Addition:

For tests to be made under normal load, the shear or nibbler mechanism may be replaced by a rotating gear, so that the tool can be loaded by means of a brake.

7. MARKING

7.1 Addition: **STANDARD PREVIEW**

Shears and nibblers shall be marked with:

maximum thickness, in millimetres, of sheet metal which can be cut.

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Addition:

Unless otherwise indicated on the tool, the marking for maximum thickness of sheet metal which can be cut is related to steel having a tensile strength of 390 MPa (390 N/mm²).

11. HEATING

11.1 Modification:

The tool is operated for 30 min.

23. SUPPLY CONNECTION AND EXTERNAL FLEXIBLE CABLES AND CORDS

23.2 Modification:

Non-detachable flexible cables and cords shall not be lighter than ordinary polychloroprene sheathed flexible cable (Code designation HO7-RN-F).