

# SLOVENSKI STANDARD

## SIST EN ISO 11806-2:2022

01-maj-2022

Nadomešča:

SIST EN ISO 11806-2:2012

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**Kmetijski in gozdarski stroji - Tehnične varnostne zahteve in preskus za prenosne, ročno vodene kosilnice s prosto rezjo, opremljene z rezilno ploščo ali kosilno nitko - 2. del: Naprave z nahrbtno prenosno pogonsko enoto (ISO 11806-2:2022)**

Agricultural and forestry machinery - Safety requirements and testing for portable, hand-held, powered brush-cutters and grass-trimmers - Part 2: Machines for use with backpack power unit (ISO 11806-2:2022)

Land- und forstwirtschaftliche Maschinen - Sicherheitstechnische Anforderungen und Prüfung für tragbare handgehaltene motorbetriebene Freischneider und Grastrimmer - Teil 2: Maschinen für den Gebrauch mit rückertragbarer Antriebseinheit (ISO 11806-2:2022)

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Matériel agricole et forestier - Exigences de sécurité et essais pour débroussailleuses et coupe-herbe portatifs à moteur - Partie 2: Machines pour utilisation avec source motrice portée à dos (ISO 11806-2:2022)

**Ta slovenski standard je istoveten z: EN ISO 11806-2:2022**

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**ICS:**

65.060.80

Gozdarska oprema

Forestry equipment

**SIST EN ISO 11806-2:2022**

**en,fr,de**

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EUROPEAN STANDARD

EN ISO 11806-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2022

ICS 65.060.80

Supersedes EN ISO 11806-2:2011

English Version

## Agricultural and forestry machinery - Safety requirements and testing for portable, hand-held, powered brush-cutters and grass-trimmers - Part 2: Machines for use with backpack power unit (ISO 11806-2:2022)

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iTeh STANDARD

This European Standard was approved by CEN on 24 August 2021.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

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

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## European foreword

This document (EN ISO 11806-2:2022) has been prepared by Technical Committee ISO/TC 23 "Tractors and machinery for agriculture and forestry" in collaboration with Technical Committee CEN/TC 144 "Tractors and machinery for agriculture and forestry" the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 2022, and conflicting national standards shall be withdrawn at the latest by September 2022.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 11806-2:2011.

This document has been prepared under a Standardization Request given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s) / Regulation(s).

For the relationship with EU Directive(s) / Regulation(s), see informative Annex ZA, which is an integral part of this document.

Any feedback and questions on this document should be directed to the users' national standards body/national committee. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

## Endorsement notice

The text of ISO 11806-2:2022 has been approved by CEN as EN ISO 11806-2:2022 without any modification.

## Annex ZA (informative)

### Relationship between this European Standard and the essential requirements of Directive 2006/42/EC aimed to be covered

This European Standard has been prepared under Commission's standardization request "M/396 mandate to CEN and CENELEC for standardisation in the field of machinery" to provide one voluntary means of conforming to essential requirements of the Directive 2006/42/EC of the European Parliament and of the Council of 17 May 2006 on machinery.

Once this standard is cited in the Official Journal of the European Union under that Directive, compliance with the normative clauses of this standard given in Table ZA.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding Essential Requirements, of that Directive and associated EFTA regulations.

**Table ZA.1 — Correspondence between this European Standard and Annex I of Directive 2006/42/EC**

The relevant Essential Requirements of EU Directive 2006/42/EC	Clause(s)/sub-clause(s) of this EN	Remarks/Notes
1. ESSENTIAL HEALTH AND SAFETY REQUIREMENTS		
1.1.2. Principles of safety integration	4.1	
1.1.3. Materials and products	4.1,4.7	
1.1.5. Design of machinery to facilitate its handling	4.1,4.2, 4.3, 4.4	
1.1.6. Ergonomics	4.2, 4.3, 4.4	
1.1.7. Operating positions	-	not covered
1.2. CONTROL SYSTEMS		
1.2.1. Safety and reliability of control systems	4.6	
1.2.2. Control devices	4.1, 4.6	
1.2.3. Starting	4.1, 4.6	
1.2.4. Stopping		
1.2.4.1. Normal stop	-	not covered
1.2.4.2. Operational stop	-	not covered
1.2.4.4. Assembly of machinery	-	not covered
1.2.5. Selection of control or operating modes	4.6	
1.2.6. Failure of the power supply	-	not covered
1.3. PROTECTION AGAINST MECHANICAL HAZARDS		

The relevant Essential Requirements of EU Directive 2006/42/EC	Clause(s)/sub-clause(s) of this EN	Remarks/Notes
1.3.1. Risk of loss of stability	-	not covered
1.3.2. Risk of break-up during operation	4.4, 4.5, 4.7	
1.3.3. Risks due to falling or ejected objects	-	not covered
1.3.4. Risks due to surfaces, edges or angles	-	not covered
1.3.6. Risks related to variations in operating conditions	4.1, 4.6	
1.3.7. Risks related to moving parts	-	not covered
1.3.8. Choice of protection against risks arising from moving parts		
1.3.8.1. Moving transmission parts	-	not covered
1.3.8.2. Moving parts involved in the process	-	not covered
1.3.9. Risks of uncontrolled movements		not covered
1.4. REQUIRED CHARACTERISTICS OF GUARDS AND PROTECTIVE DEVICES		
1.4.1. General requirements	-	not covered
1.4.2.1. Fixed guards	-	not covered
1.4.2.2. Interlocking movable guards	-	not covered
1.4.2.3. Adjustable guards restricting access	-	not covered
1.4.3. Special requirements for protective devices	-	not covered
1.5. RISKS DUE TO OTHER HAZARDS		
1.5.2. Static electricity	-	not covered
1.5.3. Energy supply other than electricity	4.4, 4.5, 4.7	
1.5.4. Errors of fitting	-	not covered
1.5.5. Extreme temperatures	-	not covered
1.5.6. Fire	4.1, 4.7	
1.5.8. Noise	-	not covered
1.5.9. Vibrations	-	not covered
1.5.11. External radiation	-	not covered
1.5.13. Emissions of hazardous materials and substances	4.1, 4.4, 4.7	
1.5.15. Risk of slipping, tripping or	-	not covered

## EN ISO 11806-2:2022 (E)

The relevant Essential Requirements of EU Directive 2006/42/EC	Clause(s)/sub-clause(s) of this EN	Remarks/Notes
falling		
1.6. MAINTENANCE		
1.6.1. Machinery maintenance	-	not covered
1.6.2. Access to operating positions and servicing points	-	not covered
1.6.3. Isolation of energy sources	-	not covered
1.6.4. Operator intervention	-	not covered
1.6.5. Cleaning of internal parts	-	not covered
1.7. INFORMATION		
1.7.1. Information and warnings on the machinery	-	not covered
1.7.1.1. Information and information devices	-	not covered
1.7.1.2. Warning devices	-	not covered
1.7.2. Warning of residual risks	-	not covered
1.7.3. Marking of machinery	-	not covered
1.7.4. Instructions	-	not covered
1.7.4.1. General principles for the drafting of instructions	-	not covered
1.7.4.2. Contents of the instructions	-	not covered
1.7.4.3. Sales literature	-	not covered
2. SUPPLEMENTARY ESSENTIAL HEALTH AND SAFETY REQUIREMENTS FOR CERTAIN CATEGORIES OF MACHINERY		
2.2. PORTABLE HAND-HELD AND/OR HAND-GUIDED MACHINERY		
2.2.1. General	4.2, 4.6	
2.2.1.1. Instructions	-	not covered

**WARNING 1** — Presumption of conformity stays valid only as long as a reference to this European Standard is maintained in the list published in the Official Journal of the European Union. Users of this standard should consult frequently the latest list published in the Official Journal of the European Union.

**WARNING 2** — Other Union legislation may be applicable to the product(s) falling within the scope of this standard.



INTERNATIONAL  
STANDARD

ISO  
11806-2

Second edition  
2022-02

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**Agricultural and forestry  
machinery — Safety requirements  
and testing for portable, hand-held,  
powered brush-cutters and grass-  
trimmers —**

**iTeh STANDARD**

**Part 2:**

**Machines for use with backpack  
power unit**

**(standards.iteh.ai)**

*Matériel agricole et forestier — Exigences de sécurité et essais pour  
débroussailleuses et coupe-herbe portatifs à moteur —*

*Partie 2: Machines pour utilisation avec source motrice portée à dos*  
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Reference number  
ISO 11806-2:2022(E)

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Published in Switzerland

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