

SLOVENSKI STANDARD

SIST EN 15906:2012

01-januar-2012

Oprema za zimska vzdrževalna dela - Stroji za odstranjevanje snega z vrtljivimi orodji - Specifikacija in zmogljivost čiščenja

Winter maintenance equipment - Snow removal machines with rotating tools - Specification and clearing capacity

Winterdienstausrustung - Schneeräummaschinen mit rotierenden Werkzeugen - Spezifikation und Räumleistung

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Matériel de viabilité hivernale - Machines de déneigement à outils rotatifs - Spécifications et capacité de déneigement

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Ta slovenski standard je istoveten z: [**EN 15906:2011**](#)

ICS:

13.030.40	Naprave in oprema za odstranjevanje in obdelavo odpadkov	Installations and equipment for waste disposal and treatment
43.160	Vozila za posebne namene	Special purpose vehicles

SIST EN 15906:2012

[en](#),[de](#)

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 15906

November 2011

ICS 43.160

English Version

**Winter maintenance equipment - Snow removal machines with
rotating tools - Specification and clearing capacity**

Matériel de viabilité hivernale - Machines de déneigement à
outils rotatifs - Spécifications et capacité de déneigement

Winterdienstausstattung - Schneeräummaschinen mit
rotierenden Werkzeugen - Spezifikation und Räumleistung

This European Standard was approved by CEN on 8 October 2011.

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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.

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

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Foreword

This document (EN 15906:2011) has been prepared by Technical Committee CEN/TC 337 "Winter maintenance and road service area maintenance equipment", 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of an identical text or by endorsement, at the latest by May 2012, and conflicting national standards shall be withdrawn at the latest by May 2012.

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

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, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

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1 Scope

This European Standard specifies requirements for snow removal machines with rotating tools for winter application on traffic areas. It is valid for design and construction. It also includes the minimum requirement concerning contents of the operating instructions.

This European Standard applies to:

- snow blowers;
- snow cutters;
- snow cutter blowers;

and related products such as side blowers, side cutters, etc.

This European Standard does not apply for:

- requirements for registration and approval;
- vehicle manufacturer requirements;
- safety requirements.

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2 Normative references ([standards.iteh.ai](https://standards.iteh.ai/catalog/standards/sist-en-15906-2012))

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies. [SIST EN 15906:2012](https://standards.iteh.ai/catalog/standards/sist-en-15906-2012)

EN 15144:2007, *Winter maintenance equipment — Terminology — Terms for winter maintenance*

EN 15431, *Winter and road service area maintenance equipments — Power system and related controls — Interchangeability and performance requirements*

EN 15432-1, *Winter and road service area maintenance equipments - Front-mounted equipments - Part 1: Fixed front mounting plates*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 15144:2007 apply.

NOTE If the term "Snow removal machine" is used in the following text, it applies to one or more different models of snow removal machines with rotating tools.

4 Technical data

4.1 General

This clause contains the minimum necessary technical data for a machine description explained for the three types of machines:

4.2 Snow blower

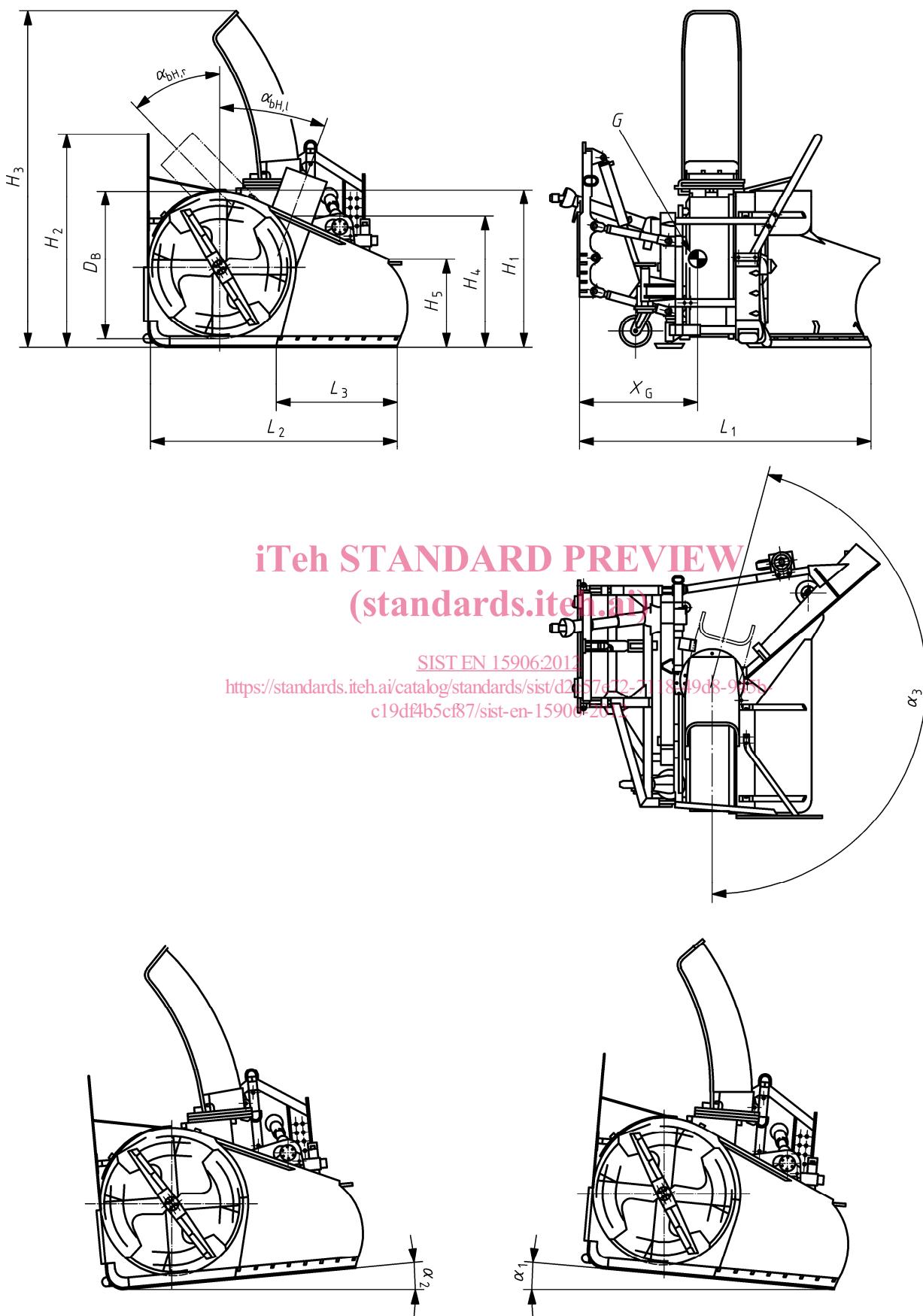


Figure 1 (continued)

Key

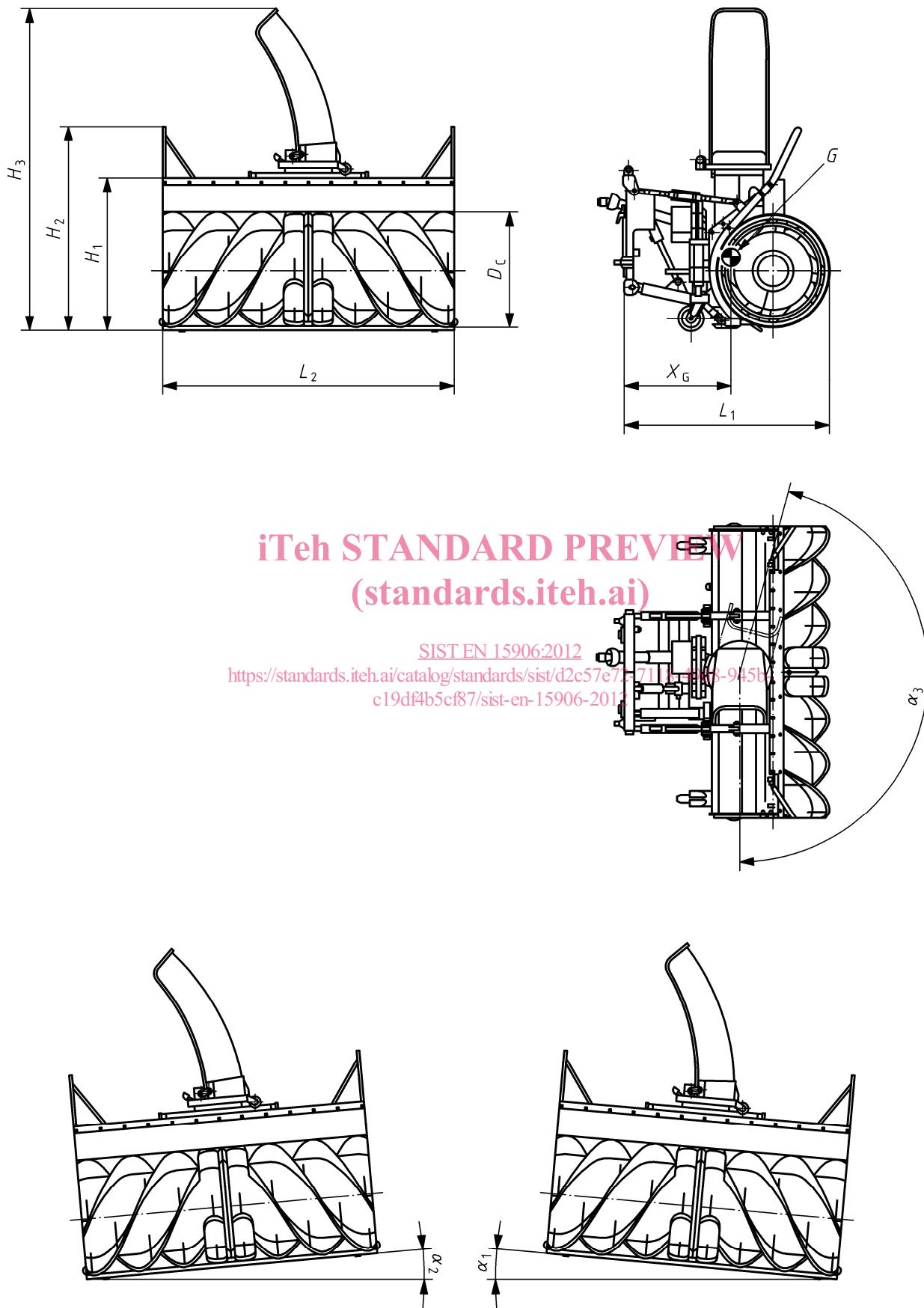
H_1	clearing head height	(mm)
H_2	height including cutting knives	(mm)
H_3	height including standard chute	(mm)
H_4	max. height of feed plough	(mm)
H_5	min. height of feed plough	(mm)
L_1	clearing head length	(mm)
L_2	clearing width	(mm)
L_3	length of feed plough (clearing length of cutting edge)	(mm)
D_B	blower wheel diameter	(mm)
$\alpha_{BH, l}$	rotating angle of blower housing to the left side	(°)
$\alpha_{BH, r}$	rotating angle of blower housing to the right side	(°)
G	position of centre of gravity	
X_G	distance between centre of gravity and mounting level	(mm)
α_1	lateral inclination to the left side	(°)
α_2	lateral inclination to the right side	(°)
α_3	rotating angle of the chute	(°)

Figure 1 — Dimensions of snow blower

Additional data for snow blower:

- C_C snow clearing capacity (t/h) **iTEH STANDARD PREVIEW (standard.iteh.ai)**
- P_D driving power (kW)
- W weight (Basic machine, workable) (t) **SIST EN 15906:2012**
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4.3 Snow Cutter



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Figure 2 (continued)

Key

H_1	clearing head height	(mm)
H_2	height including cutting knives	(mm)
H_3	height including standard chute	(mm)
L_1	clearing head length	(mm)
L_2	clearing width	(mm)
D_c	cutter drum diameter	(mm)
G	position of centre of gravity	
X_G	distance between centre of gravity and mounting level	(mm)
α_1	lateral inclination to the left side	(°)
α_2	lateral inclination to the right side	(°)
α_3	rotating angle of the chute	(°)

Figure 2 — Dimensions of snow cutter

Additional data for snow cutter:

- C_C snow clearing capacity (t/h)
- P_D driving power (kW)
- W weight (Basic machine, workable) (t)

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