



**NSAI**  
Standards

Irish Standard  
I.S. EN ISO 9902-6:2021

Textile machinery - Noise test code - Part  
6: Fabric manufacturing machinery (ISO  
9902-6:2018)

**I.S. EN ISO 9902-6:2021**

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## National Foreword

I.S. EN ISO 9902-6:2021 is the adopted Irish version of the European Document EN ISO 9902-6:2021, Textile machinery - Noise test code - Part 6: Fabric manufacturing machinery (ISO 9902-6:2018)

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EUROPEAN STANDARD

**EN ISO 9902-6**

NORME EUROPÉENNE

EUROPÄISCHE NORM

January 2021

ICS 17.140.20; 59.120.30

Supersedes EN ISO 9902-6:2001

English Version

## Textile machinery - Noise test code - Part 6: Fabric manufacturing machinery (ISO 9902-6:2018)

Matériel pour l'industrie textile - Code d'essai  
acoustique - Partie 6: Machines de production des  
étoffes (ISO 9902-6:2018)

Textilmaschinen - Geräuschemessverfahren - Teil 6:  
Maschinen zur Hertsellung textiler Flächengebilde (ISO  
9902-6:2018)

This European Standard was approved by CEN on 23 December 2020.

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

**EN ISO 9902-6:2021 (E)**

<b>Contents</b>	<b>Page</b>
<b>European foreword.....</b>	<b>3</b>

## **European foreword**

This document (EN ISO 9902-6:2021) has been prepared by Technical Committee ISO/TC 72 "Textile machinery and accessories" in collaboration with Technical Committee CEN/TC 214 "Textile machinery and accessories" the secretariat of which is held by SNV.

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of an identical text or by endorsement, at the latest by July 2021, and conflicting national standards shall be withdrawn at the latest by July 2021.

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 9902-6:2001.

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 9902-6:2018 has been approved by CEN as EN ISO 9902-6:2021 without any modification.

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STANDARD**

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Second edition  
2018-08

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**Textile machinery — Noise test code —**

**Part 6:**

**Fabric manufacturing machinery**

*Matériel pour l'industrie textile — Code d'essai acoustique —*

*Partie 6: Machines de production des étoffes*



Reference number  
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**ISO 9902-6:2018(E)**



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# Contents

	Page
<b>Foreword</b> .....	<b>iv</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Terms and definitions</b> .....	<b>2</b>
<b>4 Defining the test object</b> .....	<b>2</b>
<b>5 Sound power level determination</b> .....	<b>2</b>
5.1 International Standards required for basic measurements.....	2
5.1.1 General.....	2
5.1.2 Determination of sound power level by measuring sound intensity.....	2
5.1.3 Determination of sound power level using emission sound pressure levels on a measurement surface.....	3
5.2 Very large machines.....	3
<b>6 Emission sound pressure level determination</b> .....	<b>3</b>
6.1 International Standards required for basic measurements.....	3
6.2 Selection of work station and other specified positions.....	3
6.2.1 General.....	3
6.2.2 Weaving machinery other than circular and narrow fabric machines.....	3
6.2.3 Flatbed knitting machine, straight-bar knitting machine and flat warping knitting machine.....	4
6.2.4 Circular weaving and circular knitting machines.....	4
6.2.5 Narrow fabric weaving machines.....	5
6.2.6 Jacquard machines.....	5
<b>7 Installation and mounting conditions</b> .....	<b>6</b>
<b>8 Operating conditions</b> .....	<b>6</b>
<b>9 Measurement uncertainties</b> .....	<b>6</b>
<b>10 Information to be recorded</b> .....	<b>6</b>
<b>11 Information to be reported</b> .....	<b>6</b>
<b>12 Declaration and verification of noise emission values</b> .....	<b>7</b>
<b>Bibliography</b> .....	<b>16</b>

## ISO 9902-6:2018(E)

### Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 72, *Textile machinery and accessories*, Subcommittee SC 8, *Safety requirements for textile machinery*.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).

This second edition cancels and replaces the first edition (ISO 9902-6:2001), which has been technically revised. It also incorporates the Amendments ISO 9902-6:2001/Amd 1:2009 and ISO 9902-6:2001/Amd 2:2014.

The main changes compared to the previous edition are as follows:

- the normative references have been updated;
- [Table 1](#) has been revised;
- editorial changes have been made.

This document is intended to be used in conjunction with ISO 9902-1.

A list of all parts in the ISO 9902 series can be found on the ISO website.

# Textile machinery — Noise test code —

## Part 6: Fabric manufacturing machinery

### 1 Scope

This document covers the different types of weaving and knitting machines defined in ISO 5247 (all parts)[2] and ISO 7839[3], respectively.

It is applicable to:

- full-width weaving machines with weft insertion by:
  - shuttles;
  - rigid, telescopic or flexible rapiers;
  - projectiles;
  - hydraulic (waterjet) or by pneumatic (airjet) nozzle;
- narrow fabric weaving machines with weft insertion by shuttles or needles;
- jacquard machines;
- knitting machinery including:
  - circular knitting;
  - flat bed knitting;
  - warp knitting;
  - raschel;
  - cotton (flat weft weaving);
- other fabric manufacturing machines e.g.:
  - multi-phase weaving machines;
  - circular weaving machines;
  - stitch bonding machines.

NOTE Because of the high requirements on measurement conditions, grade 1 methods are normally not feasible for textile machinery.

### 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

ISO 3744, *Acoustics — Determination of sound power levels and sound energy levels of noise sources using sound pressure — Engineering methods for an essentially free field over a reflecting plane*

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