



**SLOVENSKI STANDARD**  
**SIST EN ISO/ASTM 52903-2:2021**

**01-marec-2021**

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**Aditivna proizvodnja - Aditivna proizvodnja plastičnih materialov z ekstruzijo - 2.  
del: Procesna oprema (ISO/ASTM 52903-2:2020)**

Additive manufacturing - Material extrusion based additive manufacturing of plastic materials - Part 2: Process equipment (ISO/ASTM 52903-2:2020)

Additive Fertigung - Materialextrusionsbasierende additive Fertigungsverfahren für Kunststoffe - Teil 2: Prozesszubehör (ISO/ASTM 52903-2:2020)

Fabrication additive - Fabrication additive de matériaux plastiques à base d'extrusion de matière - Partie 2: Équipement du procédé (ISO/ASTM 52903-2:2020)

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**Ta slovenski standard je istoveten z: EN ISO/ASTM 52903-2:2020**

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**ICS:**

25.030	3D-tiskanje	Additive manufacturing
83.080.01	Polimerni materiali na splošno	Plastics in general

**SIST EN ISO/ASTM 52903-2:2021**      **en,fr,de**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

EN ISO/ASTM 52903-2

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English Version

Additive manufacturing - Material extrusion based  
additive manufacturing of plastic materials - Part 2:  
Process equipment (ISO/ASTM 52903-2:2020)

Fabrication additive - Fabrication additive de  
matériaux plastiques à base d'extrusion de matière -  
Partie 2: Équipement du procédé (ISO/ASTM 52903-  
2:2020)

Additive Fertigung - Materialextrusionsbasierende  
additive Fertigungsverfahren für Kunststoffe - Teil 2:  
Prozesszubehör (ISO/ASTM 52903-2:2020)

This European Standard was approved by CEN on 17 October 2020.

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COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

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## European foreword

This document (EN ISO/ASTM 52903-2:2020) has been prepared by Technical Committee ISO/TC 261 "Additive manufacturing" in collaboration with Technical Committee CEN/TC 438 "Additive Manufacturing" 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of an identical text or by endorsement, at the latest by April 2021, and conflicting national standards shall be withdrawn at the latest by April 2021.

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**Additive manufacturing —  
Material extrusion-based additive  
manufacturing of plastic materials —  
Part 2:  
Process equipment**

**iTeh STANDARD PREVIEW**  
*Fabrication additive — Fabrication additive de matériaux plastiques  
à base d'extrusion de matière —  
Partie 2: Équipement de processus*  
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### 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)).

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This document was prepared by ISO/TC 261, *Additive manufacturing*, in cooperation with ASTM F 42, on the basis of a partnership agreement between ISO and ASTM International with the aim to create a common set of ISO/ASTM standards on additive manufacturing.

This first edition of ISO/ASTM 52903-2 cancels and replaces ASTM 20196-2.

A list of all parts in the ISO/ASTM 52903 series can be found on the ISO website.

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