
International Standard



8121

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Textile machinery — Knitting machines — Nameplate information

Matériel pour l'industrie textile — Machines à tricoter — Caractéristiques des plaques d'identification

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Descriptors: textile machinery, knitting machines, name plates, specifications.

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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 8121 was prepared by Technical Committee ISO/TC 72
Textile machinery and allied machinery and accessories.

Users should note that all International Standards undergo revision from time to time and that any reference made herein to any other International Standard implies its latest edition, unless otherwise stated.

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iso-8121-1986

Textile machinery — Knitting machines — Nameplate information

1 Scope and field of application

This International Standard specifies the minimum information that shall be provided by the nameplates on knitting machines and also how that information shall be presented.

The annex is given for information purposes only and does not form an integral part of this International Standard.

2 References

ISO 8117, *Textile machinery — Knitting machines — Nominal diameters of circular machines*.

ISO 8188, *Textile machinery and accessories — Pitches of knitting machine needles*.

3 Nameplate content

The following minimum data shall be specified on the machine nameplate:

- type of machine;
- machine number;
- flat knitting machine nominal width¹⁾;
- circular knitting machine nominal diameter (in accordance with ISO 8117);
- pitch, t , of needles (in accordance with ISO 8188);

- gauge, E (in accordance with ISO 8188);
- number of needles per needle carrier.

4 Presentation of data

The data on the machine nameplate shall be presented as follows.

4.1 For flat knitting machines

Type : ...	Machine No. ...
Nominal width : ... mm	Pitch, t : ... mm (Gauge, E : ...)

4.2 For circular knitting machines

Type : ...	Machine No. ...
Nominal diameter/Designation ... mm/...	Pitch, t : ... mm (Gauge, E : ...)
Number of needles : ...	

NOTE — Examples of completed nameplates are shown in the annex.

1) The equivalent of the former inch value may be added in brackets.

Annex

Examples of completed nameplates

(This annex does not form an integral part of the standard.)

A.1 Nameplate for a flat knitting machine

Type : ABC	Machine No. 1234567
Nominal width : 2 000 mm	Pitch, t : 2,54 mm (Gauge, E : 10)

A.2 Nameplate for a single face circular knitting machine

Type : zxy	Machine No. 7654321
Nominal diameter/Designation 762 mm/30	Pitch, t : 1,41 mm (Gauge, E : 18)
Number of needles : 1 680 \times 1	

A.3 Nameplate for a double face circular knitting machine

Type : zxy	Machine No. 7654321
Nominal diameter/Designation 762 mm/30	Pitch, t : 1,41 mm (Gauge, E : 18)
Number of needles : 1 680 \times 2	