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Circular knitting machines — Vocabulary

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Foreword

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The committee responsible for this document is ISO/TC 72, *Textile machinery and accessories*, Subcommittee SC 3, *Machinery for fabric manufacturing including preparatory machinery and accessories*.

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Circular knitting machines — Vocabulary

1 Scope

This International Standard establishes a vocabulary of terms and a system of classification for circular knitting machines used in the textile industry for the production of weft-knitted fabrics.

NOTE See also the ISO online browsing platform (OBP): https://www.iso.org/obp/ui/

2 Terms and definitions

2.1 Terms for circular knitting machines

2.1.1
circular knitting machine
machine for the production of knitted fabrics with independent needles, longitudinally movable, in circular arrangement, with stitches formed one after the other within every course from yarn fed crosswise to the length of the fabric

[SOURCE: ISO 7839:2005, 2.1.2]

Note 1 to entry: The circular knitting machine can be specified more precisely with the following details:

— model (e.g. small, large);

— construction features (e.g. single jersey, double jersey, plain interlock, purl);

— needle type (e.g. latch or slide needle);

— number of feeders (e.g. 48 stitch feeders);

— patterning mechanism (e.g. jacquard unit).

2.1.2
small-diameter circular knitting machine
circular knitting machine with nominal diameter up to 165 mm

2.1.3
large-diameter circular knitting machine
circular knitting machine with nominal diameter of over 165 mm

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