

A CIRCULAR KNITTING MACHINE WITH A FINE GAUGE

Abstract

A circular knitting machine with a fine gauge includes a
5 circular cylinder and a sinker holder annularly located on an
outer side of the circular cylinder. The circular cylinder has a
plurality of knitting needles parallel with the axial direction of
the circular cylinder to move alternately, and an annular top
surface corresponding to the knitting needles. The sinker
10 holder has a plurality of retaining slots to hold a plurality of
sinker. Each sinker has a slide edge, a movement edge
extended from the slide edge at the same elevation to the
annular top surface and located above the annular top surface,
and a loop forming nose located between two neighboring
15 knitting needles. Each retaining slot has a leaning surface in
contact with the slide edge to allow the sinker to move
towards the annular top surface to proceed a loop forming
movement.

20 Figure 1