

**FLAT KNITTING MACHINE STRUCTURE WITH ADJUSTABLE GAP
BETWEEN TWO KNOCK-OVER BITS**

Abstract

A flat knitting machine structure with an adjustable gap between
5 two knock-over bits includes two needle beds and two cam systems.
Each needle bed comprises a plurality of needles and a plurality of
knock-over bits. Each needle comprises a butt. Each of the knock-
over bits comprises a control butt. The two needle beds are disposed
at interval so that the knock-over bits face each other to define a gap.
10 The distance of the gap is equal to a space between two knock-over
bits facing each other. Each cam system comprises a needle cam to
provide the plurality of butts being placed and guide each needle to
make a knitting stroke towards the gap, and a knock-over bit cam
provides the control butts being placed. The knock-over bit cam is
15 controlled to define a displacement stroke for driving the plurality of
knock-over bits to change the size of the gap.

Fig. 2