temporarily suspended from feeding a supporting yarn at the junction between the three-dimensional structure and the basic structure, and the supporting yarn is fed to form the supporting portion after the two surface layer portions are knitted with a plurality of stitches.

In one embodiment, during a process of knitting the supporting portion, the flat knitting machine drives two knock-over bits of the two needle beds to displace and change a size of a mouth of the flat knitting machine, and a height of the supporting portion is not a fixed value.

In one embodiment, when the basic structure is the double-layer fabric, two fabric surfaces of the double-layer fabric are closely attached to each other by tuck knitting or transfer knitting through the flat knitting machine.

In one embodiment, when the basic structure is the double-layer fabric, the flat knitting machine feeds a cross-linking yarn to enable two fabric surfaces of the double-layer fabric closely attaching to each other by an action of the cross-linking yarn, and the cross-linking yarn is without supporting capability.

In addition to the foregoing, the invention further provides a weft-knitted fabric with varying thickness comprising at least one basic structure and at least one three-dimensional structure connected with the basic structure. The basic structure is selected from a single-layer fabric or a double-layer fabric. A thickness of the three-dimensional structure is greater than a thickness of the basic structure, the three-dimensional structure comprising two surface layer