CLAIMS

1. A conveyor device comprising:

a pair of first conveyor units;

a second conveyor unit comprising a pair of second supporting-and-conveying units configured to support both ends of the bottom surface of an object in a width direction orthogonal to the conveying direction to convey the object;

the pair of first conveyor units disposed at both ends of the second conveyor unit in the conveying direction of the object such that the second conveyor unit is interposed therebetween, the pair of the first conveyor units comprising a first supporting-and-conveying unit configured to support a bottom surface of the object to be conveyed to convey the object; and

a turning unit supporting the pair of the first conveyor units and configured to turn the pair of the first conveyor units to change a traveling direction of the object, wherein

the pair of the second supporting-and-conveying units in the second conveyor unit and a driving-force transmitting unit configured to transmit driving force to the pair of the second supporting-and-conveying units in the second conveyor unit are provided between the pair of the first conveyor units, disposed such that the second conveyor unit is interposed therebetween, and outside ~~a~~ turning areas of the pair of the first conveyor units in plan view,

the pair of the first conveyor units and the second conveyor unit are disposed so that a conveying area of the object in the second conveyor unit and the turning areas of the pair of the first conveyor

units overlap each other in plan view, and

the object is supported and conveyed only by the pair of the second supporting-and-conveying units between the pair of the first conveyor units disposed such that the second conveyor unit is interposed therebetween.

2. The conveyor device according to claim 1, wherein the first conveyor unit comprises the first supporting-and-conveying unit provided in a pair and configured to support both ends of the bottom surface of the object in the width direction orthogonal to the conveying direction to convey the object.

3. The conveyor device according to claim 2, wherein

the first conveyor unit is configured to turn with respect to a main unit provided below the first conveyor unit, and

the second conveyor unit is provided upon a base portion provided adjacently to the main unit and is disposed so as to overlap the main unit in plan view.

4. The conveyor device according to claim 2, wherein the second supporting-and-conveying units each have an object-supporting surface that is substantially parallel to a conveying surface of the object.

5. The conveyor device according to claim 1, wherein

the first conveyor unit is configured to turn with respect to a main unit provided below the first conveyor unit, and

the second conveyor unit is provided upon a base portion provided adjacently to the main unit and is disposed so as to overlap the main unit in plan view.

6. The conveyor device according to claim 5, wherein the second supporting-and-conveying units each have an object-supporting surface that is substantially parallel to a conveying surface of the object.

7. The conveyor device according to claim 1, wherein the second supporting-and-conveying units each have an object-supporting surface that is substantially parallel to a conveying surface of the object.