CLAIMS

1. An ordered food and drink conveyance apparatus comprising:

a plurality of belt conveyors in parallel that forms a conveyance path from a restaurant kitchen side to a customer seat floor side, a plurality of customer seats being arranged along the conveyance path;

a lifting device that is disposed at a predetermined location in an end point or a middle of the conveyance path and that pushes up a food and drink tray placed as to straddle the plurality of belt conveyors by members on both sides of the plurality of belt conveyors to separate the food and drink tray from the plurality of belt conveyors; and

a control unit that controls the plurality of belt conveyors and the lifting device, wherein

when any of the plurality of customer seats is designated as a conveyance destination of the food and drink tray placed on the plurality of belt conveyors, the control unit stops the plurality of belt conveyor at a timing when the food and drink tray arrives at the any of the plurality of customer seats designated as the conveyance destination, when the predetermined location is designated as a conveyance destination of the food and drink tray placed on the plurality of belt conveyors, the control unit stops the plurality of belt conveyors at a timing when the food and drink tray arrives at the predetermined location designated as the conveyance destination and pushes up the food and drink tray by the lifting device, and wherein

in a state where a first food and drink tray conveyed to the predetermined location is pushed up by the lifting

device to be away from the plurality of belt conveyors, the control unit operates the plurality of belt conveyors when a conveyance start operation in which a second food and drink tray different from the first food and drink tray is conveyed is performed, and starts conveying the second food and drink tray.

2. The ordered food and drink conveyance apparatus according to claim 1, wherein

The plurality of belt conveyors are provided with an optical sensor that detects a presence or absence of a food and drink tray on the plurality of belt conveyors with sensor light that is emitted in a longitudinal direction of the conveyance path, and wherein

the lifting device pushes up the food and drink tray placed on the plurality of belt conveyors above an optical axis of the sensor light.

3. The ordered food and drink conveyance apparatus according to claim 1 or 2, further comprising

a notification means that is disposed in the customer seat floor and makes a notification that a food and drink tray has arrived at the lifting device.

4. The ordered food and drink conveyance apparatus according to any one of claims 1 to 3, wherein

the lifting device pushes up a food and drink tray placed as to straddle the plurality of belt conveyors from below and separate the food and drink tray from the plurality of belt conveyors, and wherein

when in a case where the food and drink tray is placed as to straddle the plurality of belt conveyors, the control unit makes accept an operation for designating the

predetermined location as a conveyance destination and makes move the plurality of belt conveyors synchronous, and

when in a case where the food and drink tray is not placed as to straddle the plurality of belt conveyors, the control unit makes reject an operation for designating the predetermined location as a conveyance destination and makes move the plurality of belt conveyors asynchronous.