

## **Plate-shaped Member Transfer Facility**

### **ABSTRACT**

A stocker facility 1 includes a rack 21 configured to store glass plates 2 in a standing state such that the glass plates 2 are arranged in a front-rear direction and a stocker 4 configured to cause the glass plate 2 to move in a left-right direction to transfer the glass plate 2 to and from the rack 21. The stocker 4 includes a base 5, a flip 8, a slide member 16, and driving members 18. The flip 8 rotates relative to the base 5 about an axis line L1 by a flip drive mechanism 10 and is configured to stand or lay the glass plate 2 mounted thereon by the rotation of the flip 8. The driving members 18 are provided on the slide member 16 so as to be rotatable. The driving members 18 are configured to be able to transfer the glass plate 2 into the rack 21 by the rotation of the driving members 18. Thus, the present invention provides a plate-shaped member transfer facility capable of carrying the plate-shaped member in between two spaced-apart plate-shaped members between which a storage pitch is short and carrying any one of a plurality of plate-shaped members out from the rack without inserting an end effect in a substrate storage portion of the rack.

Figure 1