

PLATE-SHAPED MEMBER TRANSFER FACILITY

ABSTRACT

Provided is a plate-shaped member transfer facility capable of inserting a plate-shaped member in a raised state into a rack and retrieving the plate-shaped member in the raised state from the rack. A stocker facility 1 includes: a rack 32 configured to store glass plates 2 such that the stored glass plates 2 are arranged in a front-rear direction in a raised state; and a track robot 10 configured to transfer the glass plates 2 between the track robot 10 and the rack 32 by moving the glass plates 2 to the left and right. The track robot 10 includes a track-side running base 14, a flip 17, a track-side conveyance base 25, and rollers 26. The flip 17 is configured to rotate around an axis L1 relative to the track-side running base 14 by means of a flip actuator 18, and to raise and lay down a glass plate 2 placed on the flip 17 by rotating. The rollers 26 are rotatably provided at the track-side conveyance base 25, and are configured to send a glass plate 2 into the rack 32 by rotating.

Figure 3