

TRANSFER APPARATUS, RESIN MOLDING APPARATUS, AND METHOD FOR MANUFACTURING RESIN MOLDED PRODUCT

ABSTRACT

The present invention enables a reference surface member to reliably contact a side surface of a recess of a molding die, and is directed to a conveyance apparatus 13 that conveys an object to be molded W1 to a molding die 15 in which a recess 15M is formed on a side of a mold surface on which the object to be molded W1 is placed, the conveyance apparatus including: a position reference mechanism 30 having a reference surface PR serving as a positioning reference of the object to be molded W1 placed on the molding die 15; and an object-to-be-molded moving mechanism 40 that moves the object to be molded W1 placed on the molding die 15 toward the reference surface PR, in which the position reference mechanism 30 includes: a reference surface member 31 having the reference surface PR and provided so as to be contactable with a side surface 15M1 of the recess 15M; a lift mechanism 32 that comes into contact with a bottom surface 15M2 of the recess 15M to separate the reference surface member 31 from the bottom surface 15M2 of the recess 15M; and a reference surface moving mechanism 33 that moves the reference surface member 31 toward a side surface 15M1 of the recess 15M while the reference surface member 31 is separated from the bottom surface 15M2 of the recess 15M by the lift mechanism 32.

Fig. 6