

[ABSTRACT]

The objective of the present invention is to provide an automatic transfer apparatus of an object to be transferred and an automatic transfer method which can minimize the number of sensors for detecting whether a portion protruding up to a set position from an object to be transferred is present. To achieve the objective, the automatic transfer apparatus comprises: a pair of first sensors for detecting whether a portion protruding up to a set position from both sides of an object to be transferred, which is transferred along a transfer line, is present while the object to be transferred is being transferred; and a pair of second sensors for detecting whether a portion protruding up to a set position from front and rear surfaces of the object to be transferred is present while the object to be transferred is stationary.