

Abstract

Order-picking unit

The order-picking unit which is suitable, in particular, for stackable items (WA), e.g. stacks of paper, comprises

- two rack systems (RS1, RS2) which are arranged in parallel at a distance from one another and are each equipped with a multiplicity of compartments (RF),
- a storage and retrieval unit (RGB) [sic] which can be displaced in the longitudinal direction (X) in the aisle between the two rack systems (RS1, RS2) and is provided with a gripping system (GS) for storing and retrieving items (WA),
- an input conveyor (EF) for the supply of items (WA), and
- a discharge conveyor (AF) for the discharge of the picked items (WA),
- it being possible for the gripping system (GS) to be pivoted towards the first rack system (RS1) in the transverse direction (Z) into a first position (I), in the longitudinal direction (X) into a second position (II), and towards the second rack system (RS2) in the transverse direction (Z) into a third position (III), and
- the input conveyor (EF) and/or the discharge conveyor (AF) being oriented so as to adjoin the aisle in the longitudinal direction (X).

The pivotable arrangement of the gripping system (GS) permits input and/or discharge of the items via conveying devices running in the longitudinal direction (X), and thus permits a space-saving construction of the unit.

Figure 1