

Auxiliary Request 4

1. Method of order fulfilling by making order and/or product units (T) available from a storage facility (1) in a desired sequence at a picking station (10) wherein the storage facility comprises:

- a storage racking comprising a plurality of multilevel storage racks (R) in which order and/or product units are stored, wherein the storage racks are disposed back-to-back in pairs and have an aisle (2) between pairs;
- at least one automatic storage and retrieval device (5), wherein the order and/or product units are stored and retrieved from the storage racks by the automatic storage and retrieval device (5);
- at least one lift (8) used, in order to transfer the order and/or product units to one or more storage-exit conveyor(s) (6);
- at least one storage-entry conveyor (4) per lift provided for feeding order and/or product units into the storage racking;
- at least one storage-exit conveyor per lift provided for retrieval of order and/or product units from the storage racking;
- at least one fully or semiautomatic picking station (10) for picking from product units into order units for fulfilling orders, to which order and/or product units are fed;

wherein each lift is directly connected to a picking station in a picking level by the storage-entry conveyor and the storage-exit conveyor, characterized in that the automatic storage and retrieval device (5) is of the shuttle type provided per aisle and per level for each storage racking aisle, and in that order and/or product units (T) are exchanged directly between two adjoining storage racks (R) from a source storage rack to an adjacent destination storage rack via cross conveyance locations (Q) in the storage racks themselves.

2. ~~Method as claimed in claim 1, characterized, and~~ in that the at least one lift (8) is arranged in one of the pair of racks (R) of an aisle and in that the shuttle (5) itself displaces the order and/or product units (T) within the cross conveyance locations (Q), wherein the shuttle (5) of a source rack places the order and/or product units (T) into the cross conveyance location (Q) in an adjacent destination rack, and characterized in that a storage rack entry and exit is formed with conveyor loop (11) consisting of at least one storage-entry conveyor (4), at least one lift (8) and the at least one storage-exit conveyor (6), wherein the at least one lift (8) is fed by the storage-entry conveyor