created at the storage systems' packing stations or delivery stations, thereby causing delays in the packing of the goods items, since the systems will only be able to deliver one storage container at a time to a packing station or delivery station. When the operator has picked out the relevant goods item from the storage container, the storage container will be returned to the storage shelf or stack by means of the robot, crane or hoisting device, whereupon a new storage container is produced and delivered at the packing station or delivery station. This process is repeated until all the goods items have been picked out and packed ready for dispatch.

Consequently embodiments~~it is an object~~ of the present invention seek to provide a rotating device for receiving and handling goods and/or products which can receive and handle goods and products in such a storage system in a faster and more efficient manner.

Further embodiments~~A further object~~ of the present invention seek~~will be~~ to provide a rotating device for receiving and handling goods and/or products which is compact and therefore takes up very little space.

~~These objects are achieved with a device as indicated in the following independent claim, where further features of the present invention will become apparent from the dependent claims and the description below.~~

According to an aspect of the present invention, there is provided a rotating device for receiving and handling goods and/or products, where the device comprises a number of holding devices designed for receiving storage devices, characterised in that each holding device is connected via a holding plate and a frame to an elongated element, which elongated element is connected to a stem arranged centrally in the device, where drive devices associated with each frame are connected to a common drive arrangement, in order thereby to provide a rotation of the holding devices about a central axis extending parallel to the stem, the holding plate furthermore being connected to the common drive arrangement by means of a chain-driven drive arrangement, thereby permitting the holding device to rotate relative to the vertical frame about a vertical axis extending through a centre of the holding device.

An embodiment of tThe present invention relates to a rotating device for receiving and handling different goods and products, where the rotating device is provided in a work station which is associated with a storage system for different goods and products. The rotating device comprises a number of holding devices which are designed for receiving storage devices, where each holding device is connected via a frame to an elongated element which is mounted in the centre of the device. Drive devices are further connected to each frame, where these drive devices are further connected to a common drive arrangement, in order thereby to provide a rotation of the holding devices about a central axis extending parallel to the elongated element.

The common drive arrangement and the drive devices may comprise one or more electric motors, wheels etc., where gearwheels, belt drive etc. may be employed to provide a rotation of the holding devices. Furthermore, on account of the design of the common drive arrangement and drive devices, it will be possible for the holding devices to be rotated independently of or dependently on one another. A person skilled in the art will understand how this arrangement should be designed in order to achieve the desired purpose.

The rotating device may, for example, comprise three holding devices, but it should be understood that the device may be provided with a greater or smaller number of holding devices. The number of holding devices will be dependent on the storage system "capacity", i.e. how many different goods items the storage system contains, anticipated turnover of the different goods items, etc.

CLAIMS ~~- AMENDED~~

1. A rotating device ~~(1)~~ for receiving and handling goods and/or products, where the device ~~(1)~~ comprises a number of holding devices ~~(5)~~ designed for receiving storage devices ~~(4)~~, characterised in that each holding device ~~(5)~~ is connected via a holding plate ~~(6, 61)~~ and a frame ~~(7, 71)~~ to an elongated element ~~(8, 81)~~, which elongated element ~~(8, 81)~~ is connected to a stem ~~(140)~~ arranged centrally in the device ~~(1)~~, where drive devices ~~(9, 91)~~ associated with each frame ~~(7, 71)~~ are connected to a common drive arrangement, in order thereby to provide a rotation of the holding devices ~~(5)~~ about a central axis extending parallel to the stem ~~(140)~~, the holding plate ~~(6, 61)~~ furthermore being connected to the common drive arrangement by means of a chain-driven drive arrangement ~~(102)~~, thereby permitting the holding device ~~(5)~~ to rotate relative to the vertical frame ~~(7)~~ about a vertical axis ~~(X)~~ extending through a centre of the holding device ~~(5)~~.

2. A rotating device according to claim 1, characterised in that the rotating device ~~(1)~~ comprises two or more holding devices ~~(5)~~.

3. A rotating device according to claim 2, characterised in that the holding device ~~(5)~~ comprises at least one stop and sensor device mounted on its inside, for securing and confirming receipt of a storage device ~~(4)~~.

4. A rotating device according to claim 1, characterised in that the rotating device ~~(1)~~ is mounted in a framed structure ~~(11)~~ in a work station ~~(2)~~.

5. A rotating device according to claim 4, characterised in that the framed structure ~~(11)~~ comprises a framework ~~(14)~~.

6. A rotating device according to claim 1, characterised in that the rotating device ~~(1)~~ comprises a control unit connected to the common drive arrangement.

7. A rotating device according to claim 1, characterised in that the common drive arrangement comprises at least one electromotor connected to a gearwheel or the like.

8. A rotating device according to claim 1, characterised in that the holding devices (5) are arranged to be moved independently of one another.

9. A rotating device according to claim 1, characterised in that the frame (71) comprises a transverse beam (711) which supports the holding frame (61).