

ABSTRACT

(Figure 14)

MANUFACTURING PLANT

The manufacturing plant comprises at least one manufacturing cell provided with at least one processing device, a handling device associated with the processing device in order to automatically exchange tools and/or workpieces on the processing device, and a magazine for the objects to be handled arranged in the reach of the handling device. The magazine is provided with a rotating rack having a plurality of storing planes mounted upon another on a support. The manufacturing plant comprises a plurality of such rotating racks. The rotating racks are designed as separate transportable constructional units which are exchangeably inserted in a stationary part of the magazine. The stationary part comprises means for rotating the rotating rack. The manufacturing plant further comprises a transfer station separate from the manufacturing cell for loading and unloading the rotating racks. Transporting means, e.g. at least one floor conveying truck, are provided for transporting the rotating racks between the transfer station and the magazine. The rotating racks can be automatically exchanged and be unloaded and reloaded outside the magazine station. The exchange of the magazine can be effected without interruption of the manufacturing process. A plurality of manufacturing cells can be operationally linked by the transporting means which transmit the rotating racks farther from manufacturing cell to manufacturing cell.

(Figure 14)

This Sheet Has Been Replaced

