

UniSoft NT Ltd

AUTOMATIC WAREHOUSE

UniSoft NT has developed and produced an automatic warehouse.

The photo displays a pipe warehouse that we have constructed. The pipes are stored in cassettes, each with a maximum weight of 1500 kg. Each slot accommodates 96 cassettes.

A Transmanipulator operates within the slot, delivering or retrieving the selected cassette.

A charging station ensures safe operation where the transmanipulator places or retrieves the cassette from a charging cart. This cart has a restricted speed and moves the cassette out of the danger zone for safety.

The warehouse keeps track of the following information:

- The position of each cassette
- The contents of each cassette
- The chronological order of actions



The warehouse is connected to the sales system via the Internet, automatically receiving details about all placed orders. Once an order is done, the system sends back information confirming its completion and the quantities actually changed during the transfer.

Each slot operates independently of the others. Depending on the client's requirements, a custom automatic slot can be created with cassettes of varying sizes and weights, as well as a different number of cells in both the height and length of the slot.