

Smart bookshelf



Smart bookshelf enables readers to perform returns without any help. The standalone device consists of a special bookcase that has shelves with partitions equipped with RFID readers, a control module with a touch screen LCD, and a receipt printer.

When a borrowed book is placed on any shelf, it is immediately detected by the device which initiates the return process transition from the reader's account to the library account and activation of the RFID protection flag. A message about successful completion of the return process is then displayed on the LCD, which also shows a list of items returned recently. The personnel is then informed about the return of a book ordered by another reader.

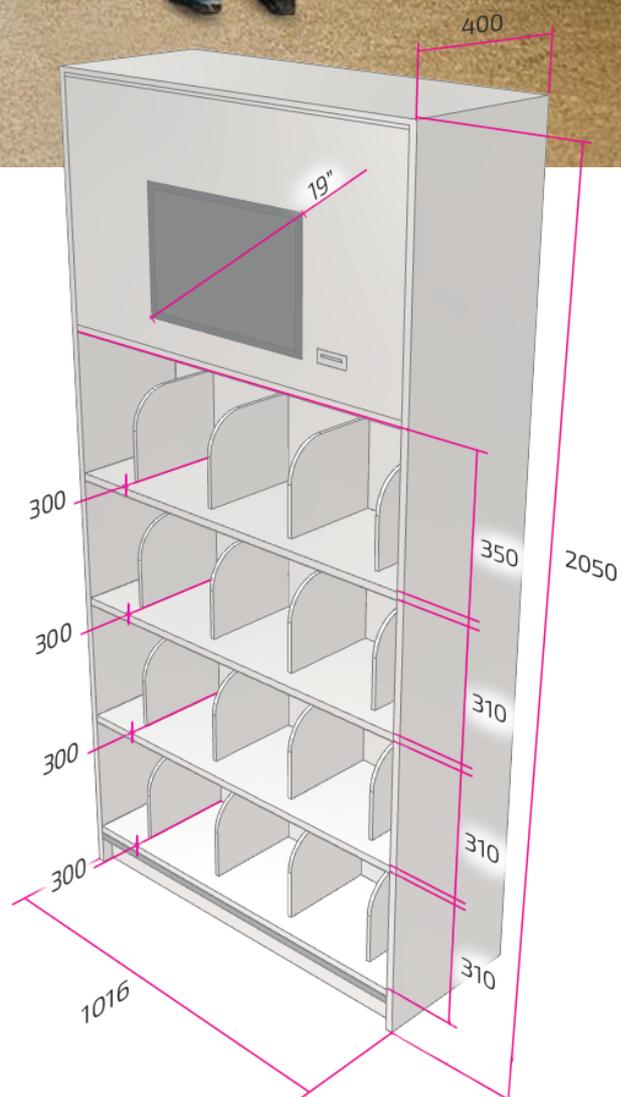
Equipment:

- at least 19" display unit,
- return confirmation printer,
- 4 shelves for books



Technical data:

- dimensions: height 2050 mm x width 1016 mm x depth 400 mm,
- three shelves: height 310 mm and depth 300 mm
- one shelf: height 350 mm and depth 300 mm
- length of each shelf: 980 mm,
- partitions with built-in RFID antennas are distributed in order to provide correct reading of data from returned items regardless of how full the partition is,
- standalone module, casing made of powder coated steel sheet (0,8 mm thick),
- shelves are installed in a common casing, one above the other. The structure of the casing is made of furniture board or MDF.
- colour on customer's request.
- communication with the library system via SIP2 protocol.
- optional movable on wheels



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