smart return & smart sort

300 Series
Enhanced return and sorting

Libraries of all sizes have to handle returns – every item borrowed has to come back! To make this process as quick and efficient as possible, and to remove the thousands of staff-hours a manual process requires, we offer a full range of return and sorting systems designed to meet most requirements.

With a maximum sort speed exceeding 1,800 items/hour and a range of enhanced features, our 300 series products provide the enhanced return and sorting experience required by leading libraries.

Our enhanced return points, with touch-screen and rejected item return system allows library users to benefit from the ability to return items 24/7 and with the external smartreturn 300 product, even when the library is closed. The 300 series provide an excellent balance between cost and functionality.

Key Features

- Anonymous/authorized media check in
- Bar code scanner for user cards
- Account screen
- Media renewal (single and multiple media renew)
- Media package handling
- Integrated receipt printer
- Supports LMS/ILS protocols SIP2 and NCIP
- Data model independent
- Multilingual User Interface with theme support
- Remote helpdesk support
- Indoor and outdoor model (collar and roller shutter)
- DDA/ADA compliant
- Integration into smartadmin™
- Front flap
- Status indication LED bar
- Easy to maintain
- Emergency stop

Optional Features

- Touch screen with higher luminosity (outdoor)
- Authentication: ISO14443,15693, user card reader
- Customizable User Interface
- Offline mode
- Statistics function with data export capability (smartadmin™)
- Numeric or alphanumeric keyboard (on screen)
- Re-check out
- EM Sensitizer
- Item barcode support

smartreturn™ 300/320
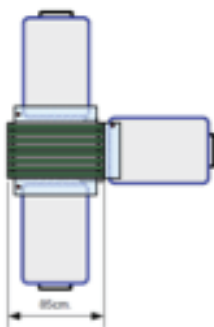Medium-level external/internal frontend

smartreturn™ 340
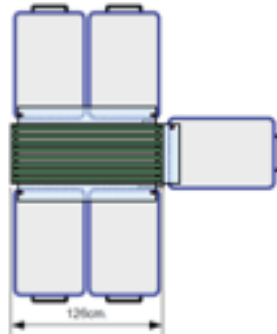Staff return point / internal

smartsort™ 302
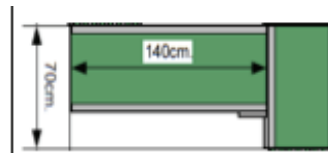2/3--way sorting option

smartsort™ 303
4/5--way sorting option

smartsort™ 311
90 degree movement option
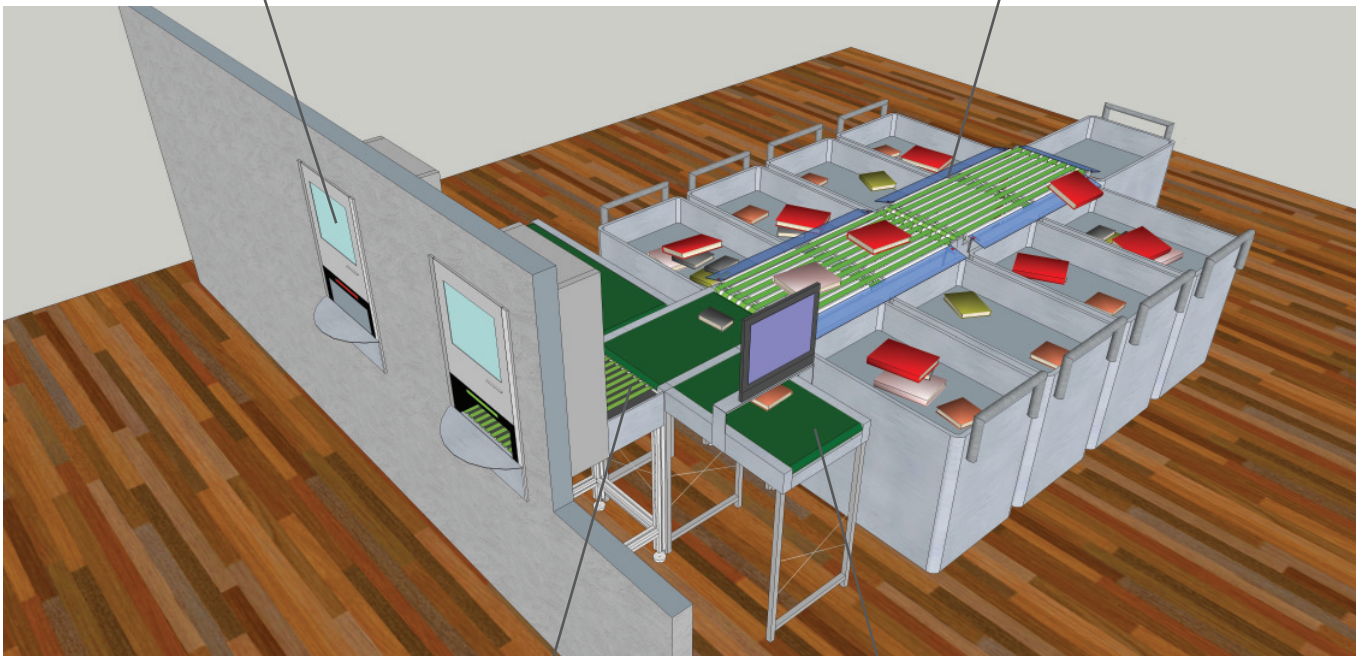to connect 2 return to 1 sorter

smartsort™ 321
Linear extension option

smartsort™ 300
- 2/3-way module
- 4/5-way module
- extendable
- two bin sizes available
- roll sorter mechanism
- gentle media handling
- indication bin full / present
- optional covers

Multiple **smartreturn™ 300**

Conveyor Systems
- horizontal conveyors
- turns and junctions

Staff Induction
- 17" screen
- date picker optional
- optional hold slip print

smartreturn™ & smartsort™

300 Series: Enhanced return and sorting

Software

The system is delivered pre-installed and preconfigured for the desired model together with our smartreturn™ software.

Display

17" Display with LED- Backlight, luminosity 300cd/m2, resolution1280x1024 (S-XGA). Outdoor 700cd/m2.

Dimensions (w / h / d)

smartreturn™ 300/320
520 x 820 x 840 mm
20.47 x 32.28 x 33.07 inches

Input height: 1000 mm / 39.37 inches

smartsort™ Unit
Dimensions vary depending on requirements

Weight

smartreturn™: 130 kg / 286 lbs

smartsort™ Unit: 70kg

Item performance

smartreturn™
300/320: 900 items/h (max)

smartsort™ 300
1'800 items/h

Environmental Facts

Working temperature (indoor): +5°C - +40°C / 41 F – 104 F
Working temperature (outdoor): -15°C - +55°C / 5 F – 131 F
Humidity: max. 80%

Logical System Configuration

Every system has a box for the power connection and the control unit. All elements (return, sorter and conveyor)
have a control unit made of commercial products.

Reporting

Configuration and reporting is made available in real-time via our optional smartadmin™ central management software.

Power / connectivity

smartreturn™ 300/320
Main Cabinet 110V – 240 V, 50/60 Hz
Standby 185 W / Consumption max. 480 W
Depends on system size and configuration.

smartsort™ 300
Standby 75 W
Consumption SHORT module max. 230 W
Consumption LONG module max. 260 W

Options

Full modular design. Easy to extend to additional sorting modules. Easy to acces for maintenace or in case of an emergency.
Comes with an integrated thermal printer.

Order code(s)

Please contact your local Bibliotheca office to confirm order codes for your specific model and for individual project planning.

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