

smartreturn™ & smartsort™

400 Series Industry-leading 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.

Our industry-leading, top-specification sorting system is available in a range of options with sorting speeds up to 2,400 item/hour, providing the ultimate experience and convenience for libraries of all sizes.

Compatible with transportation systems and supporting multiple entry points, the 400 series products allows library users to benefit from the ability to return items 24/7 and with the external smartreturn 400 product, even when the library is closed.

Key Features

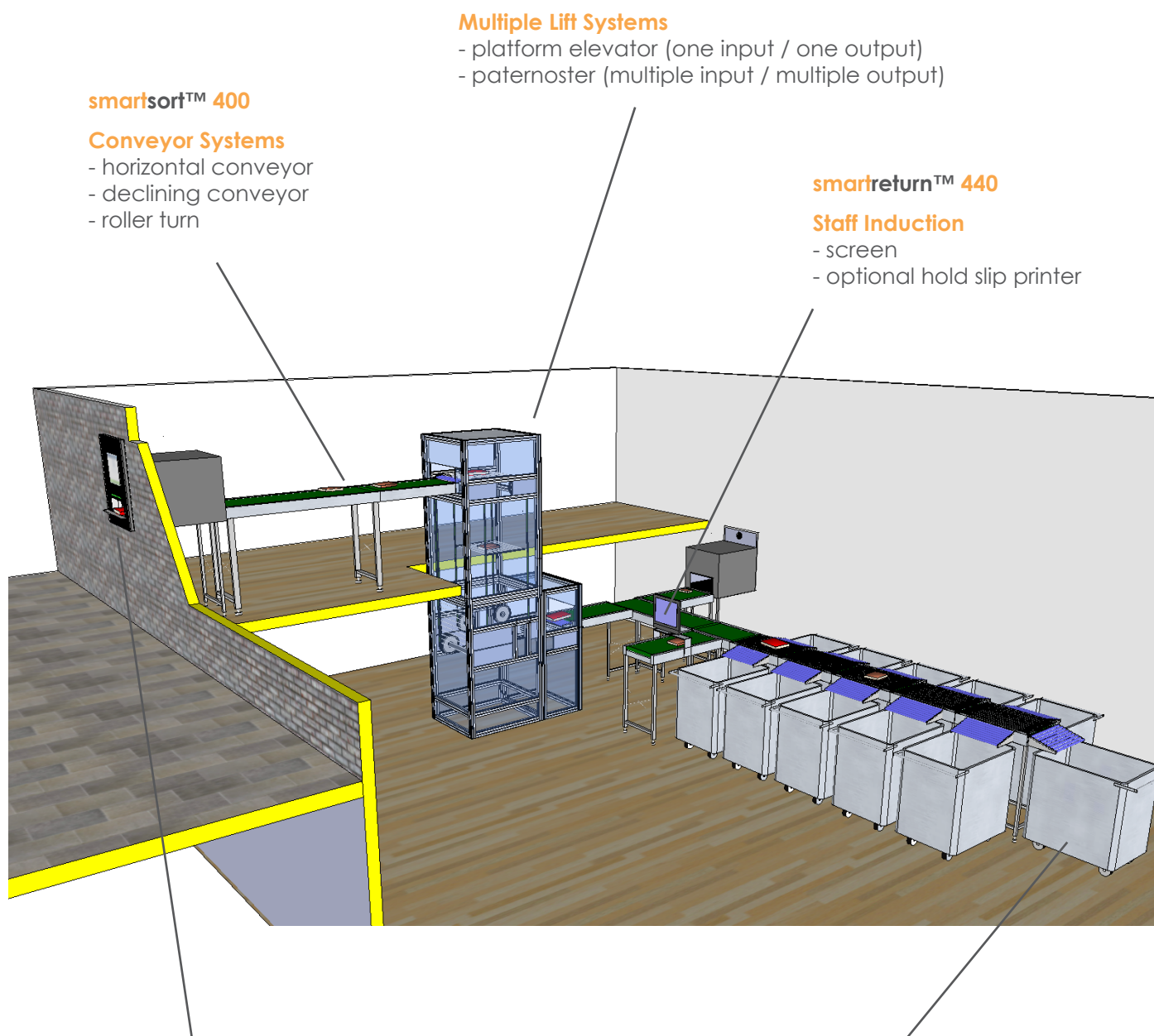
- Anonymous/authorised media check in
- Bar code scanner for user cards
- Account screen
- Media renewal (single and multiple media renew)
- Media package handling
- Integrated receipt printer
- Supports LMS/ILS protocols SIP2 and NCIP
- Data model independent
- Writing/reading functions individually en-/disabled
- Multilingual User Interface with theme support
- Remote help desk support
- Indoor and outdoor model
- DDA/ADA compliant
- Integration into smartadmin™

Optional Features

- Touch screen with higher luminosity (outdoor)
- Security front flap
- Security sluice chamber system
- Authentication: ISO14443, 15693, user card reader
- Customisable User Interface
- Offline mode
- Statistics function with data export capability
- Numeric or alphanumeric keyboard (on screen)
- Re-check out
- EM Sensitiser
- Item barcode support



400 Series: Industry-leading return and sorting



smartTMsort 400

Conveyor Systems

- horizontal conveyor
- declining conveyor
- roller turn

Multiple Lift Systems

- platform elevator (one input / one output)
- paternoster (multiple input / multiple output)

smartTMreturn 440

Staff Induction

- screen
- optional hold slip printer

smartTMreturn

Modules

- multiple infeeds
- multiple levels
- all components for complex installations

smartTMsort

Modules

- extendable
- two bin sizes available
- level and present sensor
- roll sorter mechanism
- gentle media handling
- indication for bin present / full
- alternative feeding of totes or monorail systems
- optional covers

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Software

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

Display

17" Display with LED- Backlight, luminosity 400cd/m2, resolution 1280x1024 (S-XGA).
Projective capacitive touch and thermally toughened glass with micro etched surfaces (rear surface: light-proof ceramic colour).

Dimensions (w / h / d)

smartreturn™ 400/420

600 x 733 x 840 mm
23.62 x 28.85 x 33.07 inches

Input height: 1000 mm / 39.37 inches

smartsort™ Unit

Dimensions vary depending on requirements

Weight

smartreturn™: 160 kg / 352 lbs

Item performance

smartreturn™

400/420: 1200 items/h (max)

smartsort™ Unit

2400 items/h

Environmental Facts

Working temperature (indoor): +5°C - +40°C / 41 F – 104 F
Working temperature (outdoor): -15°C - +60°C / 5 F – 140 F
Humidity: max. 80%

Logical System Configuration

Every system has a control unit for the power connection and will contain the control unit for all sorters and book returns. All Elements such as returns, sorters and conveyors have a I/O unit with commercial products. The communication is realized with EtherCAT electronic terminal blocks.

Reporting

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

Power / connectivity

smartreturn™ 400/420

Main Cabinet 110V – 240 V, 50/60 Hz
Standby 160 W / Consumption max. 400 W
Depends on system size and configuration.

Options

Full modular design. Easy to extend to additional sorting modules. Easy too access for maintenance or in case of an emergency. Comes with 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.

