



# Lyngsoe Sort Mate™ Module

## Modular, expandable sorting solution

### WELL-PROVEN TECHNOLOGY

With hundreds of installations, the Sort Mate™ modular sorting system from Lyngsoe Systems has proven its reliability of daily use in libraries all over the World. The SM2000 is the latest generation in the successful series of dedicated sorters for libraries.

### HIGH SPEED AND PRECISE SORTING

State-of-the-art control system and swift conveyance minimize patrons' waiting time at return by sorting capacity of more than 2,000 items per hour. The robust and stable Lyngsoe software quickly sorts materials to the correct chute, minimizing the need for staff to handle items.

### MINIMAL MAINTENANCE

The Sort Mate™ 2000 sorter is designed for continuous operation with minimal maintenance and normally the maintenance tasks to be carried out by the library staff are limited to cleaning the system with regular intervals – the open, engineered design makes it a straightforward task.

### COMPACT AND MODULAR CONCEPT

A modular concept offering the best functionality on the market on any given footprint – no matter whether you have a small or large library, and no matter how challenging your premises are.

### LOW NOISE OPERATION

The low noise operation of the sorter modules allows for a pleasant working space around the sorter. Materials are gently moved on special rubber bands until being popped-up and diverted by the rubber-coated rollers.

### LOW POWER CONSUMPTION

When a media is conveyed, only the modules conveying items and the modules, which will soon receive items, are running. When idle, the sorter modules enter into sleep mode, preserving energy and minimizing carbon footprint.

### BENEFITS

- Flexible layouts to fit library
- Compact – fits any footprint
- Low noise operation
- High capacity
- Quick material return for circulation

# Lyngsoe Sort Mate™ 2000 Module

## SPECIFICATIONS

Dimensions	Module: 600 mm L x 420 mm W x 860/950 mm H / 23.6" L x 16.5" W x 34/37.5" H Chute: Depending on choice of chute.
Weight	44 kg / 88 lbs
Power	100-240 V AC 50-60 Hz
Network connection	Wired Ethernet to master module containing the PLC
Capacity	Up to 2,400 items pr. hour
Materials	Steel chassis
Chute	Standard chute for trolley
Standard colors	Chassis: Black (RAL 9005) Corner and end plates: Green (RAL 6025) Standard chute covers: Green (RAL 6025)
Suitable for receiving	Library items (books, magazines, CD/DVDs etc.)
Item restrictions	Item size: Min: 100mm L x 100mm W x 2mm H / 4" L x 4" W x .1" H Max: 400mm L x 300mm W x 100mm H / 15.8" L x 11.8" W x 4" H Item weight: Min: 30 g/1 oz Max: 5 kg/11 lbs
For use with	Hardware: Library Mate™ inductions Hardware: Ergo Staff™ inductions Hardware: Turn Mate™ Hardware: Ergo Chutes™ Hardware: Standard Chutes Software: Lyngsoe PLC software 1.0 and newer Software: Library Mate™ software communicating with the ILS/LMS Software: IMMS for control of floating collections and reservations RFID: Danish data model Bar code: Dependent on Library Mate™ and Ergo Staff™ induction configuration

## OPTIONS

- The Sort Mate™ 2000 modules can be delivered with corner plates, end plates and chute plates in other (standard RAL) colors to fit library design
- Ergo Chute™ for Ergo Cart™ or Ergo Volume™
- Shelf for totes on Standard Chute
- Signal tower and sound alarms
- Graphical overview (SCADA / HMI) of sorter status on dedicated monitor

Lyngsoe Systems make every effort to ensure information is correct at time of release. However, it is possible that specifications and options may vary over time.

## Contact us:

Lyngsoe Systems · [www.lyngsoesystems.com](http://www.lyngsoesystems.com)

