



## LYNGSOE SORT MATE™ 2000 MODULE

### MODULAR, EXPANDABLE SORTING SOLUTION

#### WELL-PROVEN TECHNOLOGY AND TRACKING OF ITEMS

The Lyngsoe Sort Mate™ modular sorting system has proven its reliability in daily use in libraries all over the world. The Sort Mate 2000 sorter is the latest generation in the successful series of dedicated sorters for libraries. The sorter tracks items for reliable information on the contents of specific destinations and the optional 3-point distribution enables optimized fill rate and thus a reduced need for monitoring.

#### HIGH-SPEED SORTING – BETTER PATRON SERVICE

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

#### 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 at 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.

#### VERY LOW NOISE OPERATION

The low noise operation of the sorter modules allows for a pleasant working space environment 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 materials and the modules, which will soon receive materials, are running. When idle, the sorter modules enter into sleep mode, preserving energy and minimizing carbon footprint.

#### BENEFITS

- Flexible layouts to fit library
- Tracking of items for reliable information
- Very low noise
- High capacity and optimized fill rate
- Quick material return for circulation
- Direct integration to IMMS™

## SPECIFICATIONS

## LYNGSOE SORT MATE™ 2000 MODULE

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
Weight	44 kg / 88 lbs
Power	100-240 V AC 50-60 Hz
Network connection	Wired Ethernet to primary module containing the PLC
Capacity	Up to 2,500 materials/hour <sup>1</sup>
Materials	Steel chassis
Chute	Standard chute for all destination types (excl. Lyngsoe Tote Stacker™)
Standard colors	Chassis: Black (RAL 9005) Corner and end plates: Green (RAL 6025) Standard chute covers: Green (RAL 6025)
Suitable for receiving	Library materials (books, magazines, CD/DVDs etc.)
Material restrictions	Material 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: Lyngsoe Library Mate™ inductions Hardware: Lyngsoe Ergo Staff™ inductions Hardware: Lyngsoe Turn Mate™ Hardware: Lyngsoe Ergo Cart™ (requires SM2000 height of 950 mm) Hardware: Lyngsoe Ergo Bin™ (requires SM2000 height of 950 mm) Hardware: Metal bin (requires SM2000 height of 950 mm) Hardware: Lyngsoe Tote Stacker™ (requires SM2000 height of 950 mm) 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 Barcode: Dependent on Library Mate and Ergo Staff induction configuration

## OPTIONS

- Shelf for totes on standard chute
- Signal tower and sound alarms
- Graphical overview (SCADA / HMI) of sorter status on dedicated monitor

<sup>1</sup> The final capacity will depend on the installed layout and usage pattern.

