



## LYNGSOE ERGO CART™

**THE NEW, ICONIC LYNGSOE ERGO CART™ IS OUR PATENTED 3RD GENERATION STACKING CART. THE ULTIMATE CHOICE FOR ERGONOMIC MATERIAL TRANSPORTATION AND FAST CIRCULATION HANDLING IN LIBRARIES**

### **RESHELVING WITH ONLY ONE TOUCH**

Instead of lifting materials from one container or cart to another, Lyngsoe Ergo Cart™ makes it possible to transport the material directly from the sorter to the shelf. The beauty of the Ergo Cart integrated into the library's sorter solution is that the sorted materials will be stacked with the spine facing outwards. The staff only need to touch the material once when they place it back on the shelf.

### **ERGONOMIC WITHOUT COMPROMISE**

At the push of a button, the Ergo Cart raises its shelf to a horizontal ergonomic height. At the horizontal position it is easy to remove or re-arrange the material, even with the material stack 'locked' by the automatic book-stop lock. The ergonomically shaped handlebar and the large castors make it very easy to maneuver a fully loaded cart. Furthermore, when connecting the Ergo Cart to the docking station, the automatic magnet lock function removes the need to lock the castor breaks.

When the cart is fully loaded the library staff just push the release button and the Ergo Cart is automatically released and, without any force, they simply roll away.

### **INTELLIGENT AND FULLY AUTOMATED**

This new generation of the Ergo Cart brings a whole new level of intelligent and autonomous control and operation. It is simple to use, intuitive and very user-friendly. The dock-and-go function automatically connects the Ergo Cart to the Sort Mate™ 2000 sorter module; start charging, moves the book drop plate to the correct position for receiving materials, sets the sorter module in ready mode and material starts to hit the cart. With a single click the cart can be paused and the staff can adjust the material stack and resume back to ready state. When the cart is fully loaded the chute is set in full mode and is blocked. The material stack is automatically being 'secured' towards the auto-book stop contact and the Ergo Cart is ready to be removed by clicking the release button on the cart or the chute.

### **BENEFITS**

- Automated dock-and-go workflow
- High stability of sorted material stack
- Autonomous and user-friendly operation
- Designed for ergonomic usage
- Fast return to circulation – Keeping the service to patrons high



## SPECIFICATIONS

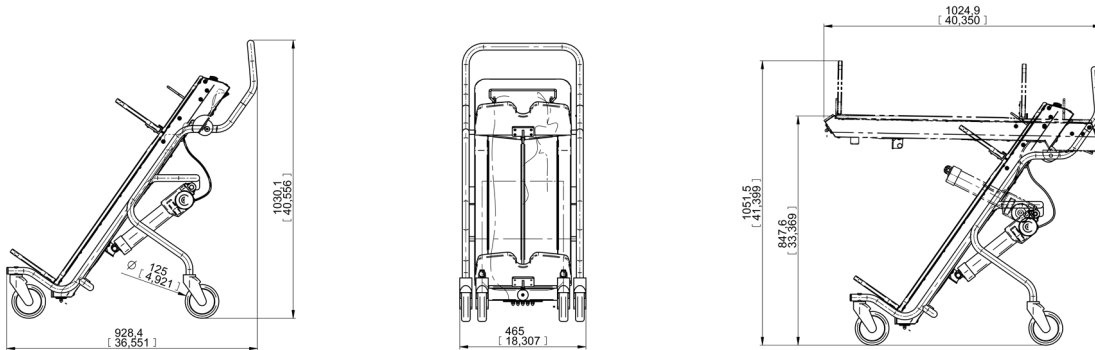
## LYNGSOE ERGO CART™

### GENERAL

Functions	Automatic Dock-and-Go™ sorter connection, automatic docking station lock, automatic book-stop lock, integrated book stack stability guidance, automatic and manual operation of cart shelf, pause/resume fill mode, automatic and manual shift between shelving and sortation position
Suitable for receiving	Library materials e.g. books, magazines, CD/DVDs etc.
Control panel	Simple intuitive control panel (same used for Lyngsoe Ergo Bin™)
LED indicator	Connected/Ready for fill, Paused fill mode, Low battery, Charging battery, Battery status
Sorter connection	Multi-purpose docking station also used for Lyngsoe Ergo Bin for “Cart present” indication and sorter control communication
Charging	Automatic via docking station when connected to sorter module, and via wall-plug charger
Handlebar	Fixed ergonomic handlebar. Option for adjustable ergonomic handlebar (extra cost)
Safety	Safety-key avoiding unauthorized use (a factory configuration option)
Battery service	Service hatch on backside for battery pack replacement
For use with	Lyngsoe Sort Mate™ 2000 sorter solution, and interchangeable with Lyngsoe Ergo Bin and Lyngsoe Totes and Lyngsoe Metal Bin™

### TECHNICAL INFORMATION

Weight	28.5 kg / 62.8 lbs
Dimension	465 x 928 x 1030 mm / 18.3 x 36.6 x 40.6" (W x D x H) incl. handlebar
Maximum load capacity	Maximum material load: 50 kg / 110 lbs Material stack height: 750-800 mm / 29.5-31.5"
Horizontal work height	850 mm / 33.5"
Castors	125 mm / 4.9", lockable back wheels
Sorter connection	Lyngsoe Multi-purpose docking station (add-on equipment sold separately)
Input voltage	24V / 100-240V AC 50-60 Hz
Battery	NiHM, 24V battery pack
Color	Metal frame: Black (RAL 9005) Castors: Black Wood parts: Birch plywood
Patent	The Lyngsoe Ergo Cart™ is patented (patent id EP3060505B1)
Certificates	CE



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