

Electric Double Chair Bin lift

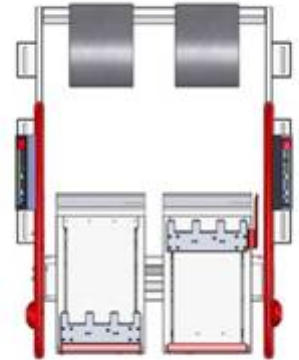
Product: Electric Double Chair Bin lift ISBJÖRN Automatic
 Model: RHEADNN/140
 Operation: Electric motor with gearbox and driver

Easy fitting on any standard rear end loaded RCV. It can be easily fitted to both new and older vehicles with minor modification. A standard DIN frame is required. ISBJÖRN is connected to the 24 volt DC supply from the batteries on the vehicle, through a Power Inverter to provide the 230 AC voltage required to operate the Bin Lift.

DESCRIPTION OF THE ELECTRIC BIN LIFT

ISBJÖRN is an Automatic Bin Lift which incorporates a double split chair with two combs. It is suitable for any standard 2 wheeled bins and containers (EN 840-1) with a capacity of 80 to 360 liters (adjusted lifting limit at 140 kg.) and any standard 4 wheeled container (EN 840-2) with a capacity of 500 to 770 liters (adjusted lifting limit at 250 Kg).

OPTIONS : 4 wheeled containers > 770 liters to 1,200 liters (EN 840-2, 3)
 Adjusted lifting limit: 350 kg.



Photos for illustration purposes only

GENERAL SPECIFICATIONS

- Loading height : 1,523 mm
- Ground clearance : 500 mm

SILENCE

- The engine of the RCV operates at idle during bin lift operation, thereby keeping noise and fuel consumption to a minimum, while reducing exhaust emissions significantly.
- Operational noise level of the bin lift is measured at only 45 dB (A)

MAXIMAL SAFETY

- ISBJÖRN carries the CE mark of approval and complies with the safety standards EN 1501-1
- Emergency stop buttons are fixed on the side protections and on the controls on both sides of the bin lift.
- Each comb is equipped with a presence sensor recognizing the presence of the container and 2 sensors confirming good gripping and position.
- Safety sensor operates in descent mode to prevent serious injury.
- The comb is equipped with a sensor recognizing the presence of a bin.
- No uncontrolled power means much safer operating environment.
- Specifically designed to avoid any crushing hazards.
- Side protections consisting of padded safety barriers covering the operating zone
- Fitted with a comb for 4 wheeled containers.

CLEAN

- Integral set, no shearing risks (no scissors)
- No flexible hoses
- No grease

MODULARITY

- Collection of 2 and 4 wheeled bins and containers.
- Mixed collection (bags, bins and containers). Replacement of a chair takes less than 15 minutes.



OPERATION OF THE ELECTRICAL BIN LIFT

- Cycle time for standard (EN 1501-1) 2 wheeled containers is from 6.5 seconds (adjustable).
- Cycle time for standard (En 1501-1) 4 wheeled containers is from 12 seconds (adjustable), double-chair.
- Command boxes are each side for complete control of manual, semi automatic and automatic operations.
- Lifting movement in two stages: safe vertical movement, followed by bin rotation.
- Smooth lifting cycles (no “jerky” movements).
- Safety brakes and bin retention in high position.
- The Bin Lift can control the compaction cycles by estimating the collected load.

