

# Multi-use Delivery trailer

For grocery goods and other products

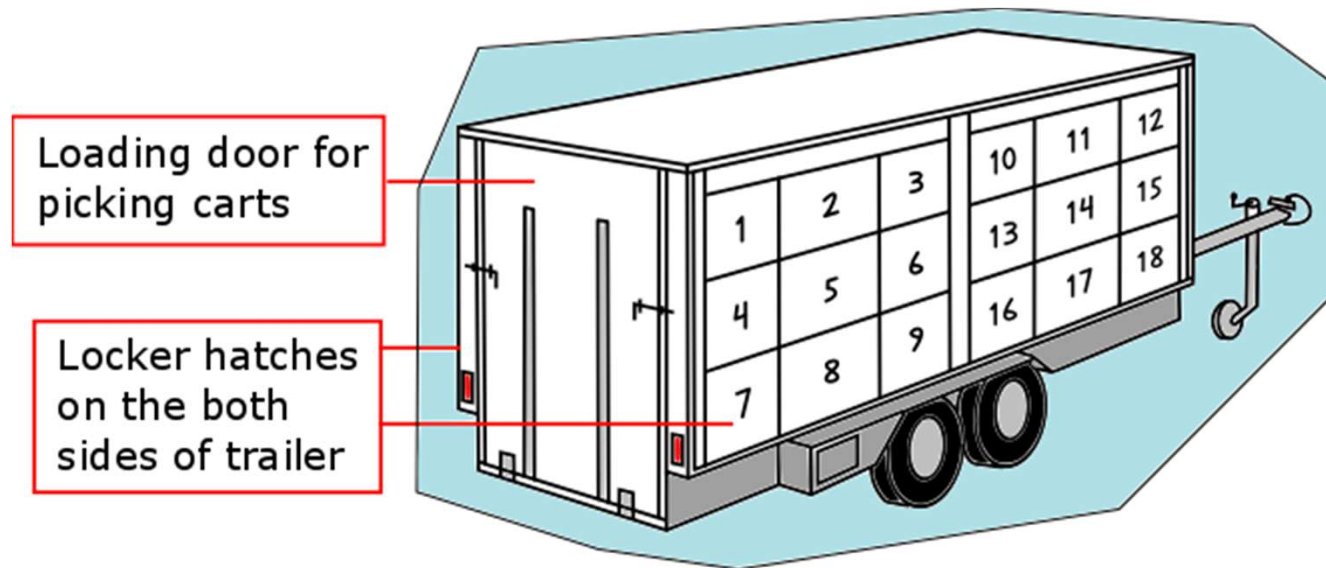
[www.pickdelso.com](http://www.pickdelso.com)

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# Example trailer

- Trailer is parked for delivery:



- Includes 24 – 36 lockers
- Fits into a parking plot of 2.5 m × 5 m

# Click & collect service

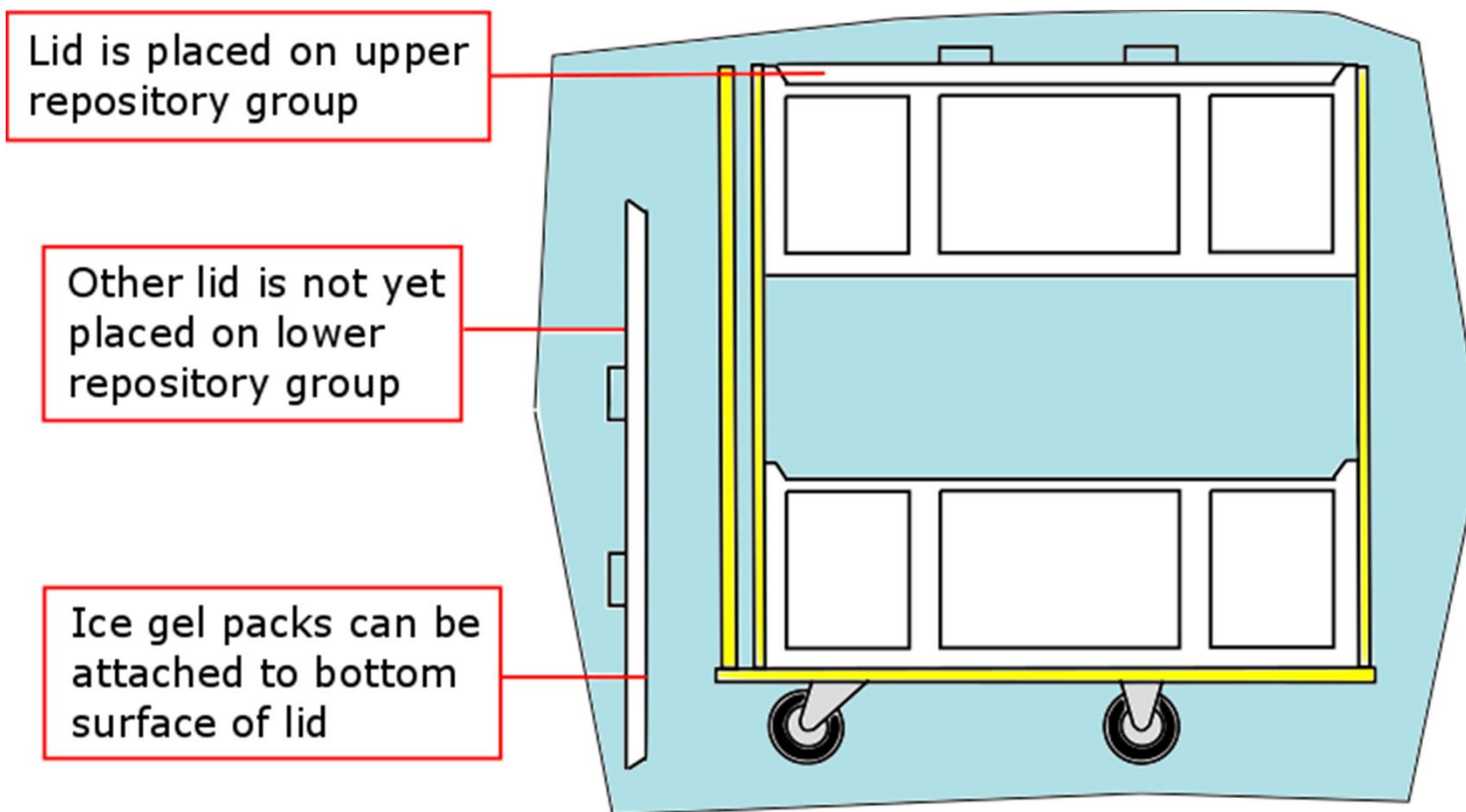
- Customer orders concern grocery goods or some other products
- A customer selects an address to collect shopping
- The customer further selects a delivery time window
- If the order does not fit into one locker, two or more lockers are reserved for it
- Locker hatch(es) of Delivery trailer open with a text message

# Implementation

- Delivery trailer is intended for two picking carts
- In each picking cart:
  - a cart has repositories which turn into lockers when the cart is placed inside the trailer
  - at least some repositories are thermally isolated
  - each repository has a mouth for receiving products, the mouth opens upwards

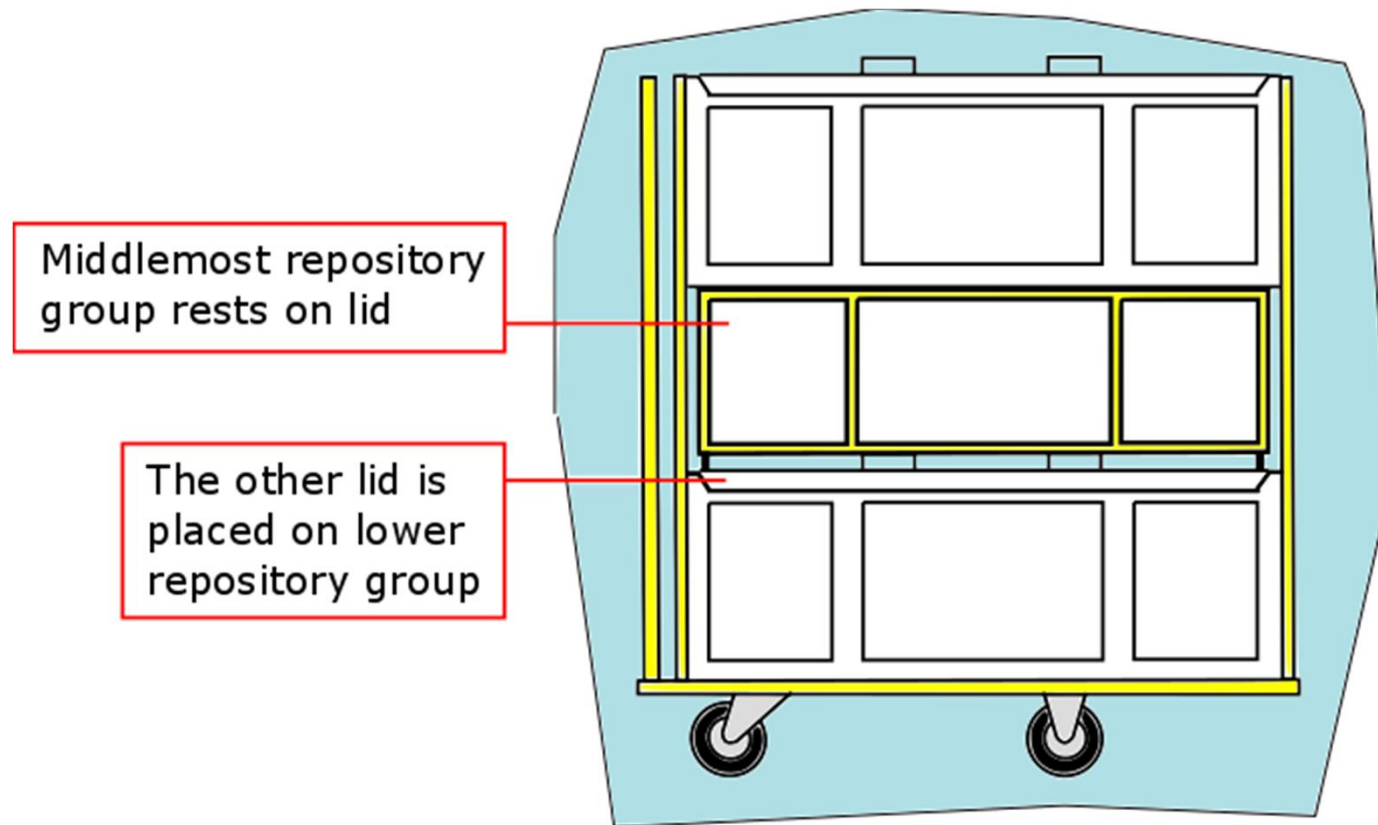
# Picking cart

- Possibility to repository-specific cooling



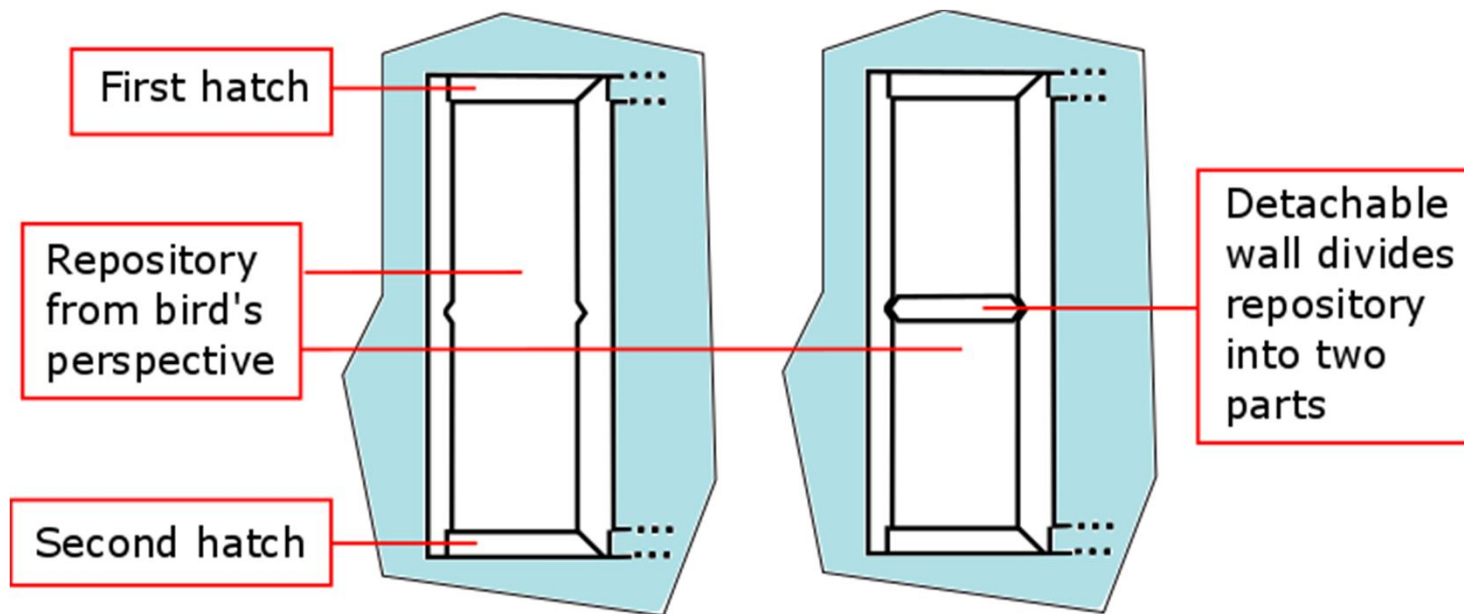
# Picking is performed

- Picking cart is ready for transportation



# Adjustable lockers

- Locker size and the number of lockers can be adjusted with a dividing wall
- Lockers for one bag, two bags, or four bags



# Benefits

- Fast loading of trailer (i.e. cart-by-cart)
- Transportable with the same delivery vehicle that is used in home delivery (of grocery goods)
- Delivery trailer increases the transportation capacity as much as it has capacity

**Great solution to the last mile problem.  
Can enhance the profitability of e-grocery.**



# More benefits

- Delivery trailer can be used for delivery of many kinds of products
- In e-grocery a delivery time window is only few hours (not days, as with parcels)
- Possibility to more than one delivery per day
- Can serve in several addresses within 24 hours

**Short delivery time window makes Delivery trailer very efficient.**

# Appropriate addresses

- Rural areas, which are missing a grocery, have appropriate addresses for Delivery trailer
- New residential areas that not yet have a grocery
- Gas stations, especially on highways
- Such real estate whose owner does not consider e-grocery as competing business

**Delivery trailer suits well for cities, suburban areas, and countryside.**