HelgeNyberg AB

Special - Load Carriers



For Light Material Handling Applications

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MATERIAL HANDLING

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Anything is Possible!

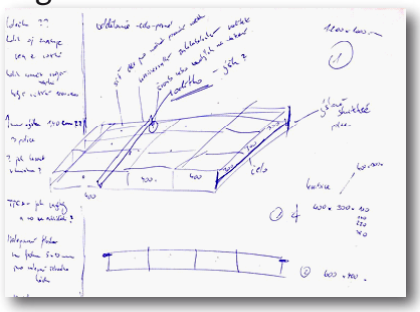
One of the secrets behind our success is the ability to listen to customers and adapt products to suit their specific needs. Many of the trolleys that were once specially designed for a specific customer have been integrated into our rapidly expanding standard range. For many other manufacturers “special” is an unwelcome and expensive story. For us it is just a normal part of daily operation.

Whatever it takes to improve your operation, you will be able to get it from us. Our engineers love challenges!

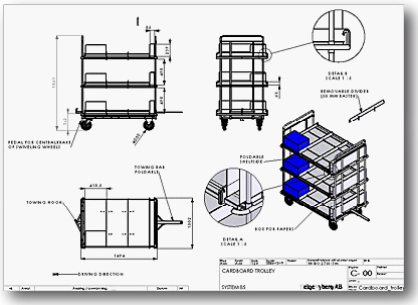
Producing customised trolleys is a complex process that requires a high degree of communication, creativity and precision. Over the years, we’ve developed working methods and processes that ensure you get the optimum solution for your individual needs.

This is an example of how it is done:

1. Together with the customer we make a simple drawing



2. The initial idea is transformed into a concrete solution and presented with CAD drawings.



3. After the solution has been approved, the manufacturing process starts.



Industry/Production/Material Sourcing

Example 1



The shelves on this Trolley are 1230 mm long, which means that 3 standard boxes 600 x 400 mm fit easily. The plastic boxes are used for a lot of different items.

Date: December 2003

Article no: 15 27 36 80

Industry/Production/Material Sourcing

Example 2





These Load Carriers are used for handling waste material. The plastic boxes are fitted to the chassis and then the load carriers are distributed to different work stations. Each Load Carrier is designed to be either docked into the tug unit or towed behind. This means that Load Carriers can be collected and distributed in any order.

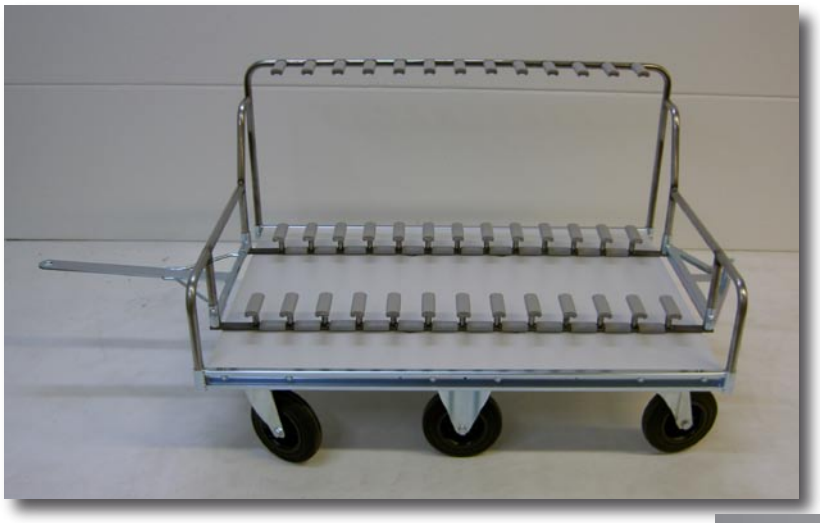
After the waste has been picked up the train is driven to a station where a lifting device empties the bins into a collection point to be compacted.

Date: December 2001

Article no: 14 90 11 91

Industry/Production/Material Sourcing

Example 3





This Load Carrier is manufactured to be used for transport of delicate steel sheets. Sheets should be handled in an upright position, and this solution makes it easy to reach them one by one. Another advantage is also that the sheets are not so easily damaged.

Date: April 2007

Article no: -

Industry/Production/Material Sourcing

Example 4





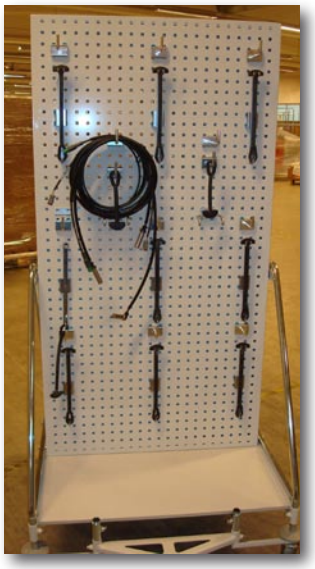
This Load Carrier is used at an airport, transporting for example skiing equipment and other special luggage that could not be placed on the ordinary conveyor belts.

Date: January 2007

Article no: 14 90 15 94

Industry/Production/Material Sourcing

Example 5









This Load Carrier is developed to simplify the handling and transportation of material back and forth from an assembly line.
This concept saves space on the shop floor and the material flow is much improved due to the Load Carriers construction which only includes the material actually needed. Products can be hung on both sides and placed wherever needed.

Note!
Using the foldable shelves makes it easier to reach heavy material with lifting devices.

Date: November 2007 Article no: 14 90 18 36

Industry/Production/Material Sourcing

Example 6



The solution above has non-adjustable shelves at the front, exactly adapted to the customer's own boxes. At the back, all the dividers are adjustable and they are also coated twice to minimise damages to the goods.

The space at the front of the Load Carrier is used to carry special items.

The load carrier has 4-wheel steering and the handle at the front makes it easy to handle when detached from the truck.

Date: March 2009 Article no: 14 92 00 12

Industry/Production/Material Sourcing

Example 7







This solution uses a Truck mounted on a non standard chassis. The chassis has a built in high speed lifting device. The Load Carriers have shelves with rollers so that heavy boxes can be manoeuvred easily. As a box is removed, the one behind rolls forward.

One side of the truck is used for packing items into the boxes. These boxes are then transferred to a so called ”supermarket” on the other side, where they are picked up and transported to production.

Date: November 2007

Article no: 14 90 17 08

Order Picking

Example 1





This is a solution that makes it possible to pick orders with a truck model 610 as a truck model 612 - that is, to pick orders without stepping off the truck (which is the normal case if using model 610).

The space in front of the grid shelves as seen on the picture to the right is for creating space between the truck and the Load Carrier.

The customer of this solution is a third party logistic company that picks small items, hence the narrow grids.

Date: January 2009

Article no: 14 90 17 95

Order Picking

Example 2





The company uses a very smart logistic system for their order picking. All together they work with three different Load Carriers for different types of orders (smaller and larger). Everything is registered directly into the computer system as each order is picked.

The Load Carrier to the left above is equipped with ”rolling shelves” to enabling the handling of heavy boxes. The Truck also has some special features. For example shelves at the side of the Truck enable the operator to ”rest” a box while climbing down the ladder.

The Load Carrier to the right above is used for smaller orders. Up to 20 orders can be handled on each round.

Date: September 2006

Article no: 14 90 16 01 &
14 90 16 27

Order Picking

Example 3





This is a Load Carrier adapted for batch picking. A and B orders are picked and later sorted togehter with other items for each customer.

When soft items are tossed in the baskets, the grid at the back is used as a guard so items fall back into the basket. The top shelf is used for empty boxes and waste material.

The grid is foldable on both sides and the bottom is placed in an ergonomic working height.

Date: August 2005

Article no: 14 90 15 63

Order Picking

Example 4





The compartments on this order picking trolley are adjustable - if a larger order is picked the plate is simply pulled out and lifted. Either 4, 8, 12 or 16 orders can be picked.

The compartments are made with solid walls (not grids), this is to minimise damages to the items picked - wall paper rolls.

Date: March 2007

Article no: 14 90 13 39

Order Picking

Example 5





This truck is a modified model 610, specially adapted carry a Load Carrier with a width of 800 mm. The solution ensures that no item protrudes out of each side.

This is a solution makes it possible to pick into boxes carried behind the driver, as with truck model 612.

The top shelf is normally used for empty boxes and waste material.

Date: August 2007

Article no: 14 90 17 51

Order Picking

Example 6



These Trolleys are used manually and can also be carried by our truck model 607.

Next to the truck there is a packing table. Plastic bags of different sizes are placed into the shelves underneath. When bags are packed, they are tossed in the larger parcel trolley at the back. When the parcel trolley is full, it is detached and transported to a delivery department.

Date: August 2006

Article no: 14 90 17 37 &
14 90 17 38

Order Picking

Example 7



This is a Load Carrier connected to our truck model 613 - a modified model 612 (wider).

It is used together with a conveyer system, transporting pallets to a plastic wrapping machine. Boxes can be stacked as the grid behind retains them with the pallet.

The top shelf is used for empty boxes, waste material or as a surface to place items while climbing the ladder.

Date: February 2005

Article no: 14 90 15 00

Order Picking

Example 8



This Load Carrier is filled with items of the same size, with varying numbers per order.

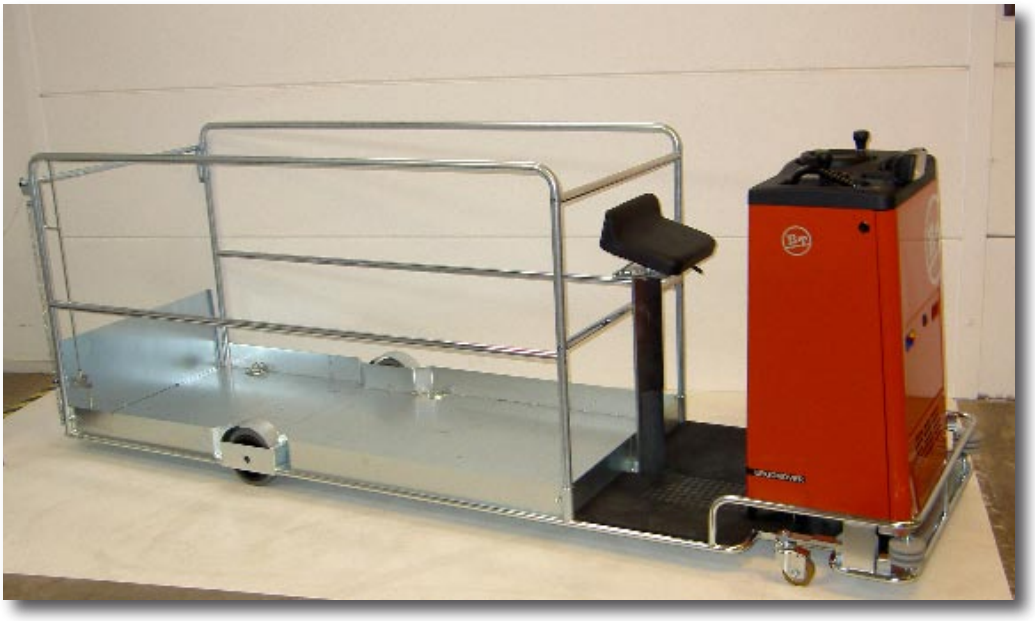
All compartments are fully adjustable for picking of either 7 or 70 orders.

Date: June 2003

Article no: 14 90 13 19

Hospitals

Example 1



These Load Carriers are used handling empty hospital beds and are also suitable for transporting for example waste bins.

Date: December 2001

Article no: 14 90 11 91

Hospitals

Example 2



These Load Carriers are chromed and used for transporting provisions.

They have one shelf that can be removed and a gate.

Date: September 2005

Article no: 14 90 15 50

Pallet Handling

Various Examples



14 90 15 45 - with rubber mat and pick-train connection.



14 90 15 57 - with towing hook and high ends.

Accessories

Example 1



The customer has Load Carriers with connections at different heights, so this is adapted to accept each type of connection arrangement. The same application is found on other Trucks as well.

Date: December 2006

Article no: 12 90 28 21

Accessories

Example 2



An adapter for towing devices (towing hook and pick-train connection) mounted on our truck model 610.

Date: January 2008

Article number: 12 90 34 35

Accessories

Example 3



This is a Load Carrier with fully adjustable grid dividers.

Date: November 2008

Article no: 14 90 18 75

Accessories

Example 4



This is a stand mounted on our truck model 608. It is commonly used for material sourcing together with several load carriers and our pick-train connection. But sometimes when there is just a few items to deliver to a work station, it is easy to use only the stand and no load carriers.

It also makes the truck very stabile.

Date: May 2007

Article no: 12 90 31 27

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