

# TRUCKS & TRACTORS



**HelgeNyberg**

EASY TO OPERATE IN NARROW SPACES

# PICKING TRUCKS

Available in three models. They all have compact external dimensions and a small turn radius and are easy to drive and manoeuvre in narrow spaces. The unique docking system makes it possible to use various types of Ergobjörn trolleys and therefore adaptable to specific tasks. The low weight makes them very suitable for mezzanine floors. (The steps shown in the pictures are accessories.)





709

#### Dimensions and technical data

<b>Art No</b>	14 16 47 09
<b>Max. speed</b>	12 km/h
<b>Max. towing capacity</b>	1000 kg depending on speed.
<b>Max. gradient</b>	10%
<b>Length</b>	1580 mm
<b>Width</b>	750 mm
<b>Height</b>	1100 mm
<b>Threshold height</b>	70 mm
<b>Ground clearance</b>	35 mm
<b>Axle distance</b>	1165 mm
<b>Weight excl. battery</b>	180 kg

#### Engine

<b>Electrical system</b>	24 V (AC)
<b>Power output</b>	1000 W
<b>Engine type</b>	AC, "In-wheel-drive"
<b>Drive wheels</b>	ø250 x 80 Polyuretan
<b>Rear wheels</b>	ø200 x 50 Elastic
<b>Support wheels</b>	ø80 x 35 Polyuretan

#### Batteries

Valve-regulated, maintenance-free gel batteries. No specific charging room equipment required for charging.

<b>Voltage</b>	<b>Capacity</b>	<b>Weight</b>
24 V	76 Ah/C5	57,6 kg
24 V	105 Ah/C5	75 kg

#### Trolleys

Suitable for trolleys 600 mm wide.

#### Examples of accessories

Flashlight, accessory holder, memo board, extra battery cassette, battery exchange table, waste bin, computer holder, foldable ladder, bluespot, iPad holder etc.



710

#### Dimensions and technical data

<b>Art No</b>	14 16 47 10
<b>Max. speed</b>	12 km/h
<b>Max. towing capacity</b>	1000 kg depending on speed.
<b>Max. gradient</b>	10%
<b>Length</b>	1580 mm
<b>Width</b>	970 mm
<b>Height</b>	1100 mm
<b>Threshold height</b>	70 mm
<b>Ground clearance</b>	35 mm
<b>Axle distance</b>	1165 mm
<b>Weight excl. battery</b>	200 kg

#### Engine

<b>Electrical system</b>	24 V (AC)
<b>Power output</b>	1000 W
<b>Engine type</b>	AC, "In-wheel-drive"
<b>Drive wheels</b>	ø250 x 80 Polyuretan
<b>Rear wheels</b>	ø200 x 50 Elastic
<b>Support wheels</b>	ø80 x 35 Polyuretan

#### Batteries

Valve-regulated, maintenance-free gel batteries. No specific charging room equipment required for charging.

<b>Voltage</b>	<b>Capacity</b>	<b>Weight</b>
24 V	76 Ah/C5	57,6 kg
24 V	105 Ah/C5	75 kg

#### Trolleys

Suitable for trolleys 800 mm wide.

#### Examples of accessories

Flashlight, accessory holder, memo board, extra battery cassette, battery exchange table, waste bin, computer holder, foldable ladder, bluespot, iPad holder etc.



713

#### Dimensions and technical data

<b>Art No</b>	14 16 47 13
<b>Max. speed</b>	12 km/h
<b>Max. towing capacity</b>	1000 kg depending on speed.
<b>Max. gradient</b>	10%
<b>Length</b>	1475 mm
<b>Width</b>	1315 mm
<b>Height</b>	1100 mm
<b>Threshold height</b>	70 mm
<b>Ground clearance</b>	35 mm
<b>Axle distance</b>	1050 mm
<b>Weight excl. battery</b>	202 kg

#### Engine

<b>Electrical system</b>	24 V (AC)
<b>Power output</b>	1000 W
<b>Engine type</b>	AC, "In-wheel-drive"
<b>Drive wheels</b>	ø250 x 80 Polyuretan
<b>Rear wheels</b>	ø200 x 50 Elastic
<b>Support wheels</b>	ø80 x 35 Polyuretan

#### Batteries

Valve-regulated, maintenance-free gel batteries. No specific charging room equipment required for charging.

<b>Voltage</b>	<b>Capacity</b>	<b>Weight</b>
24 V	76 Ah/C5	57,6 kg
24 V	105 Ah/C5	75 kg

#### Trolleys

Suitable for trolleys 1000-1200 mm wide.

#### Examples of accessories

Flashlight, accessory holder, memo board, extra battery cassette, battery exchange table, waste bin, computer holder, foldable ladder, bluespot, iPad holder etc.



# PICKING TRUCK

## GOOD OVERVIEW

The compact design provides a good overview in all directions, which increases safety.

## ERGONOMIC CONTROLS

Ergonomy and smart functions make the truck intuitive and easy to drive. It is free from disturbing details.

## EASY TO HANDLE AND A JOY TO DRIVE

Developed for order picking. It is one of few trucks allowed to be driven on mezzanine floors. The compact design means a short turning radius.

## FUNCTIONAL LED LIGHTS

Attractive design in combination with good function. Features that characterise a successful product.

## WELL-THOUGHT OUT DRIVER SPACE

Wide, ergonomic and non-vibrating rubber floor. Works with presence control, where the truck can be driven only when the driver stands on the rubber platform. Ability to integrate steps to reach a picking height of 3 meters.

## UNIQUE DOCKING SOLUTION

Provides a closeness for efficient order picking. The solution also means high flexibility when it is easy to change between different types of trolleys.

## EXTRA LOW IN-STEP – 70 MM

Probably the market's lowest in-step height contributes to a higher comfort.

## STRONG ELECTRIC AC-DRIVE – INCREASED TOWING CAPACITY

Quiet, strong and sustainable.

## EASY BATTERY EXCHANGE – 20 SECONDS

Easy handling of battery exchange which only takes 20 seconds. Requires no specific area for charging.

## NO HYDRAULICS, NO LEAKAGE

The truck is a "clean machine". No leakage from oil or battery acid.

## ACCESSORIES

### Examples of accessories:

Accessory holder	Art nr 12260575
Anti-static chain	Art nr 12260552
Auto buzzer	Art nr 12260599
Auto buzzer reverse	Art nr 12260600
Battery table	Art nr 14174015
Bluespot	Art nr 12260605
Document holder	Art nr 12262040
Flashlight front	Art nr 12260602
Front shelf	Art nr 12260601

### Ladders:

Ladder 710 left	Art nr 12261475
Ladder 710 right	Art nr 12261476
Ladder 713 left	Art nr 12261510
Ladder 713 right	Art nr 12261511

### Batteries and charger:

Battery set 12V-75 Ah	Art nr 12261115
Battery set 12V-105 Ah	Art nr 12261116
Charger 16,5 A	Art nr 12261140
Charger 20 A	Art nr 12261141

# TROLLEYS FOR PICKING TRUCKS

Our unique docking system makes the trolley easy to connect and disconnect, meaning that many different trolley types are easily exchanged using the same truck. The docking system and the compact external dimensions make the unit easy to manoeuvre in narrow spaces and the low weight makes them suitable for mezzanine floors.

In our standard range we have shelf trolleys with continuously adjustable shelves in various numbers and step trolleys with integrated steps enabling picking up to three m in height.

See separate brochure with load carrier.





WHEN SIZE AND FLEXIBILITY MATTER

# TOWING TRACTORS

The towing tractors are available in two models. Combined with trolleys they are optimised for a unique and flexible material handling. With compact external dimensions they are suitable for example hospitals and airports but also for material replenishment within the industry.

The tractors are CE-marked and 3rd party certified by the Swedish Machinery Testing Institute (SMP) in line with EuroTest. Our trolleys are easily connected to the truck using our fold-up tow bar. The standard fold-up tow bar (with an eye of  $\varnothing 23$  mm) fits all Ergobjörn trolleys, as well as other trolleys on the market.





702

#### Dimensions and technical data

<b>Art No</b>	14 16 47 02
<b>Max. speed</b>	12 km/h
<b>Max. towing capacity</b>	1000 kg, depending on speed and trolley application.
<b>Max. gradient</b>	10%
<b>Length</b>	1300 mm
<b>Width</b>	600 mm
<b>Height</b>	1100 mm
<b>Threshold height</b>	70 mm
<b>Ground clearance</b>	35 mm
<b>Axle distance</b>	815 mm
<b>Weight excl. battery</b>	190 kg

#### Engine

<b>Electrical system</b>	24 V (AC)
<b>Power output</b>	1000 W
<b>Engine type</b>	AC, "In-wheel-drive"
<b>Drive wheels</b>	ø250 x 80 Polyuretan
<b>Rear wheels</b>	ø200 x 50 Elastic
<b>Support wheels</b>	ø80 x 35 Polyuretan

#### Batteries

Valve-regulated, maintenance-free gel batteries. No specific charging room equipment required for charging.

<b>Voltage</b>	<b>Capacity</b>	<b>Weight</b>
24 V	76 Ah/C5	57,6 kg
24 V	105 Ah/C5	75 kg

#### Examples of accessories

Flashlight, accessory holder, memo board, extra battery cassette, battery exchange table, waste bin, computer holder, multi-purpose towing device, bluespot, iPad holder etc.



708

#### Dimensions and technical data

<b>Art No</b>	14 16 47 08
<b>Max. speed</b>	12 km/h
<b>Max. towing capacity</b>	1500 kg, depending on speed and trolley application.
<b>Max. gradient</b>	10%
<b>Length</b>	1300 mm
<b>Width</b>	600 mm
<b>Height</b>	1360 mm
<b>Threshold height</b>	70 mm
<b>Ground clearance</b>	35 mm
<b>Axle distance</b>	815 mm
<b>Weight excl. battery</b>	320 kg

#### Engine

<b>Electrical system</b>	24 V (AC)
<b>Power output</b>	1000 W
<b>Engine type</b>	AC, "In-wheel-drive"
<b>Drive wheels</b>	ø250 x 80 Polyuretan
<b>Rear wheels</b>	ø200 x 50 Elastic
<b>Support wheels</b>	ø80 x 35 Polyuretan

#### Batteries

Valve-regulated, maintenance-free gel batteries. No specific charging room equipment required for charging.

<b>Voltage</b>	<b>Capacity</b>	<b>Weight</b>
24 V	76 Ah/C5	57,6 kg
24 V	105 Ah/C5	75 kg

#### Examples of accessories

Flashlight, accessory holder, memo board, extra battery cassette, battery exchange table, waste bin, computer holder, multi-purpose towing device, bluespot, iPad holder etc.



707

#### Dimensions and technical data

<b>Art No</b>	14 16 47 07
<b>Max. speed</b>	12 km/h
<b>Max. towing capacity</b>	500 kg
<b>Lifting height</b>	min 80 mm max 205 mm
<b>Max. gradient</b>	10%
<b>Length</b>	2320 mm
<b>Width</b>	860 mm
<b>Height</b>	1100 mm
<b>Threshold height</b>	70 mm
<b>Ground clearance</b>	30 mm
<b>Axle distance</b>	1545 mm
<b>Weight excl. battery</b>	245 kg

#### Engine

<b>Electrical system</b>	24 V (AC)
<b>Power output</b>	1000 W
<b>Engine type</b>	AC, "In-wheel-drive"
<b>Drive wheels</b>	ø250 x 80 Polyuretan
<b>Rear wheels</b>	ø80 x 90 Polyuretan
<b>Support wheels</b>	ø80 x 35 Polyuretan

#### Batteries

Valve-regulated, maintenance-free gel batteries. No specific charging room equipment required for charging.

<b>Voltage</b>	<b>Capacity</b>	<b>Weight</b>
24 V	76 Ah/C5	57,6 kg
24 V	105 Ah/C5	75 kg

#### Examples of accessories

Flashlight, accessory holder, memo board, extra battery cassette, battery exchange table, waste bin, computer holder, multi-purpose towing device, bluespot, iPad holder etc.

# TOWING TRACTOR

## EASY TO HANDLE AND A JOY TO DRIVE

Developed for a LEAN-environment. It is one of few trucks allowed to be driven on mezzanine floors. The compact design means a short turning radius.

## ERGONOMIC CONTROLS

Ergonomy and smart functions make the truck intuitive and easy to drive. It is free from disturbing details.

## FUNCTIONAL LED LIGHTS

Attractive design in combination with good function. Features that characterises a successful product.

## GOOD OVERVIEW – 600 MM WIDE

The compact design provides a good overview in all directions, which increases safety.

## DIFFERENT TYPES OF TOWING SOLUTIONS

Which makes it possible to tow many different types of trolleys available on the market.

## NO HYDRAULICS, NO LEAKAGE

The truck is a "clean machine". No leakage from oil or battery acid.

## WELL-THOUGHT OUT DRIVER SPACE

Wide, ergonomic and non-vibrating rubber floor. Works with presence control, where the truck can be driven only when the driver stands on the rubber platform. It also has smart compartments for storage.

## EXTRA LOW IN-STEP – 70 MM

Probably the market's lowest in-step height contributes to a higher comfort.

## EASY BATTERY EXCHANGE – 20 SECONDS

Easy handling of battery exchange which only takes 20 seconds. Requires no specific area for charging.

## ROBUST CONSTRUCTION

A robust and strong truck in the light-weight segment.

## STRONG ELECTRIC AC-DRIVE – INCREASED TOWING CAPACITY

Quieter, stronger and more sustainable. A 70% more powerful engine provides a prolonged running time.

## ACCESSORIES

### Examples of accessories:

Accessory holder	Art nr 12260575
Anti-static chain	Art nr 12260552
Auto buzzer	Art nr 12260599
Auto buzzer reverse	Art nr 12260600
Battery table	Art nr 14174015

Bluespot	Art nr 12260605
Document holder	Art nr 12262040
Flashlight front	Art nr 12260602
Front shelf	Art nr 12260601
Stand support 702	Art nr 12260306

### Batteries and charger:

Battery set 12V-75 Ah	Art nr 12261115
Battery set 12V-105 Ah	Art nr 12261116
Charger 16,5 A	Art nr 12261140
Charger 20 A	Art nr 12261141



# TROLLEYS FOR TOWING TRACTORS

The trains can consist of one or more trolleys. With small outer dimensions, the truck and trolley have a short turning radius. Such trains are suitable for milkruns. We can offer shelf trolleys, platform trolleys or parcel trolleys. Each trolley has a 500 kg maximum load capacity.

See separate brochure with load carrier.



# CUSTOMISED TRUCK APPLICATIONS

Despite our wide standard range of trucks and trolleys, customers sometimes still need tailor-made solutions. That's no problem for us. One of the secrets behind Helge Nyberg's success is that we have the resources and organisation to develop products and solutions according to customers' specific requirements. Always available to our customers, we have experienced product developers with knowledge and competence concerning logistics and material handling.

## MULTITRUCK

At the hospital where this truck solution has been tried out, they have between 6500 and 7000 bed transports every month. The transport frequency is high and besides handling the transfer of patients between departments, the beds shall also pass through the laundry and bed central to be made. The truck has contributed to a greater efficiency and a significantly improved ergonomic situation for all personnel handling bed transports. The truck can handle many different types of beds and can also be used in elevators.



## TOWING TRACTOR 728

A stable towing truck that is add-on and flexible with our modular system. Here with a shelf rack, which is suitable for a computer and printer for example.



FLEXIBILITY AND STRENGTH IN COMBINATION

# TOWING TRACTOR TT-05

This towing tractor has rear-wheel drive, designed for industries, airports, hospitals and fairs. With pneumatic tires it goes quiet and can handle delicate surfaces, such as floor tiles and parquet. It has a presence control by an infrared sensor, which provides a high level of safety for the driver. Choose between a standing frame or scooter seat. With a TT-05, you can work faster and more efficiently by transporting yourself quickly between destinations.

Our electric towing tractor can pull loads up to 500 kg. We have more than 40 different trolleys to choose from that fits the tractor.





# TOWING TRACTOR TT-05

## STANDING FRAME OR SCOOTER SEAT

The tractor can be ordered with an ergonomic standing frame or scooter seat.

## ERGONOMIC CONTROLS

Ergonomy and smart functions make the truck intuitive and easy to drive. It is free from disturbing details.

## FUNCTIONAL LED LIGHTS

Attractive design in combination with good function. Features that characterise a successful product.

## MEASURED LOAD AREA

The size of the load area is adapted to a standard-sized box 600x400 mm. Sold as an accessory.

## REAR-WHEEL DRIVE

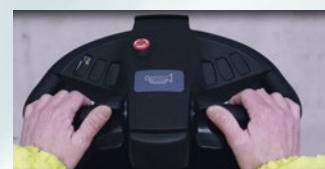
With pneumatic tires, it runs quietly and smoothly over delicate flooring, such as tiles and parquet.

## WELL-THOUGHT OUT DRIVER SPACE

Wide, ergonomic and non-vibrating rubber floor. Presence control by an infrared sensor, which provides a high level of safety for the driver.

## NO HYDRAULICS, NO LEAKAGE

The truck is a "clean machine". No leakage from oil or battery acid.



Ergonomic controls.



Smooth over thresholds.



Connect a trolley.

## Dimensions and technical data

<b>Art No</b>	14 16 60 10
<b>Maxh. speed</b>	10,5 km/h
<b>Max. towing capacity</b>	500 kg, depending on speed and trolley application.
<b>Max. gradient</b>	7%
<b>Length</b>	1425 mm
<b>Width</b>	693 mm
<b>Height</b>	1307 mm
<b>Threshold height</b>	141 mm
<b>Ground clearance</b>	92 mm
<b>Axle distance</b>	1085 mm
<b>Weight excl. battery</b>	155 kg

<b>Engine</b>		
<b>Electrical system</b>	24 V (AC)	
<b>Power output</b>	800 W	
<b>Drive wheels</b>	ø320 x 90 Pneumatic	
<b>Front wheel</b>	ø260 x 85 Pneumatic	
<b>Batteries</b>	Valve-regulated, maintenance-free gel batteries is standard. Other batteries are available when ordering. No specific charging room equipment required for charging.	
<b>Voltage</b>	<b>Capacity</b>	<b>Weight</b>
24 V	76 Ah/C5	58 kg
24 V	105 Ah/C5	76 kg

## Examples of accessories

<b>Scooter seat</b>	<b>Art nr</b> 12263095
<b>Load rack</b>	<b>Art nr</b> 12263090
<b>Puncture proof wheels</b>	<b>Art nr</b> 12263098
<b>Batteries (2x76 Ah)</b>	<b>Art nr</b> 12261115
<b>Batteries (2x105 Ah)</b>	<b>Art nr</b> 12261116
<b>Charger 16,5 A</b>	<b>Art nr</b> 12261140
<b>Charger 20 A</b>	<b>Art nr</b> 12261146



Load rack and scooter seat in the picture are accessories.

SINCE 1958, Helge Nyberg AB has been developing and manufacturing trolleys and light electric trucks under the name of Ergobjörn for in-house material handling. As specialists, we rationalise the work and costs of warehouses and logistics in sectors including industrial manufacturing, health care, airports and eCommerce.

# HelgeNyberg

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