



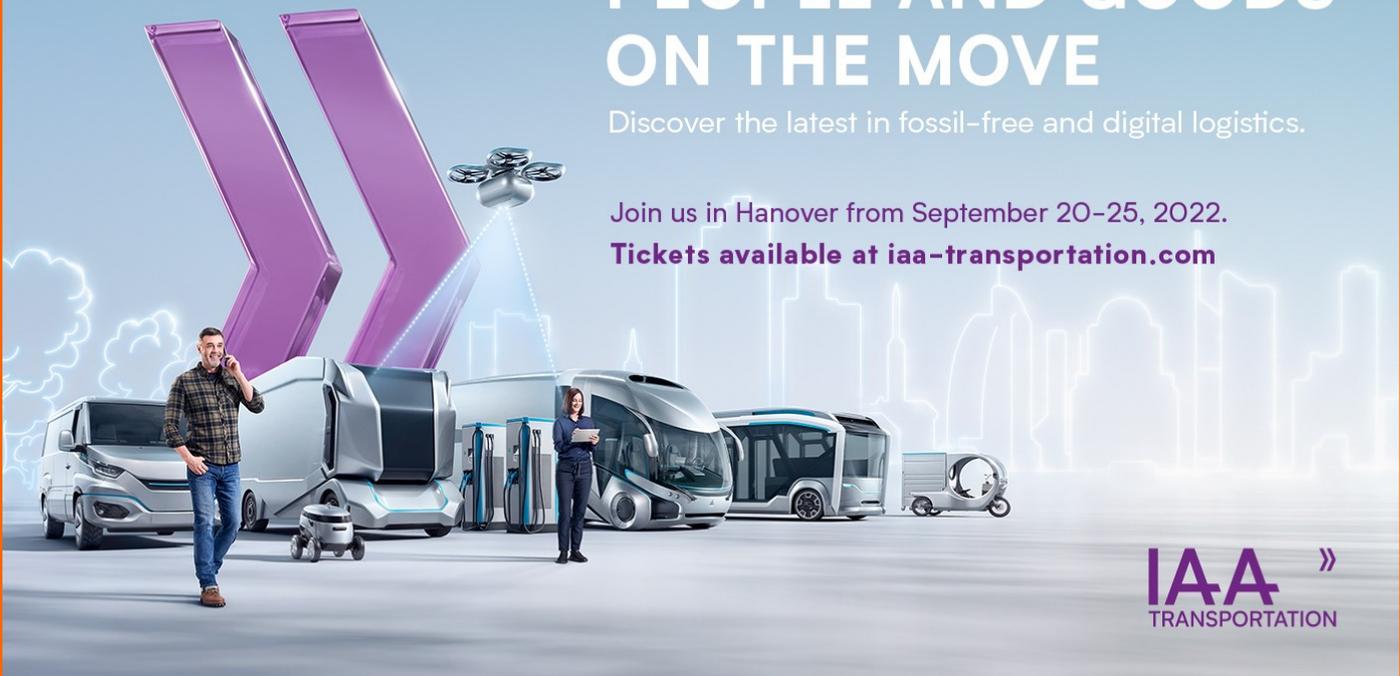
# DHOLLANDIA

## PEOPLE AND GOODS ON THE MOVE

Discover the latest in fossil-free and digital logistics.

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**IAA** »  
TRANSPORTATION

## DHOLLANDIA Hall 26 - Stand B04

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## DHOLLANDIA recent facts and figures



Started in 1968  
50+ years of experience



Production sites in 6 countries



Nr 1 in Europe  
More than 75,000 tail lifts / year  
More than 1 MM tail lifts since the start



Technological leadership  
More than 90% of components are  
manufactured in-house



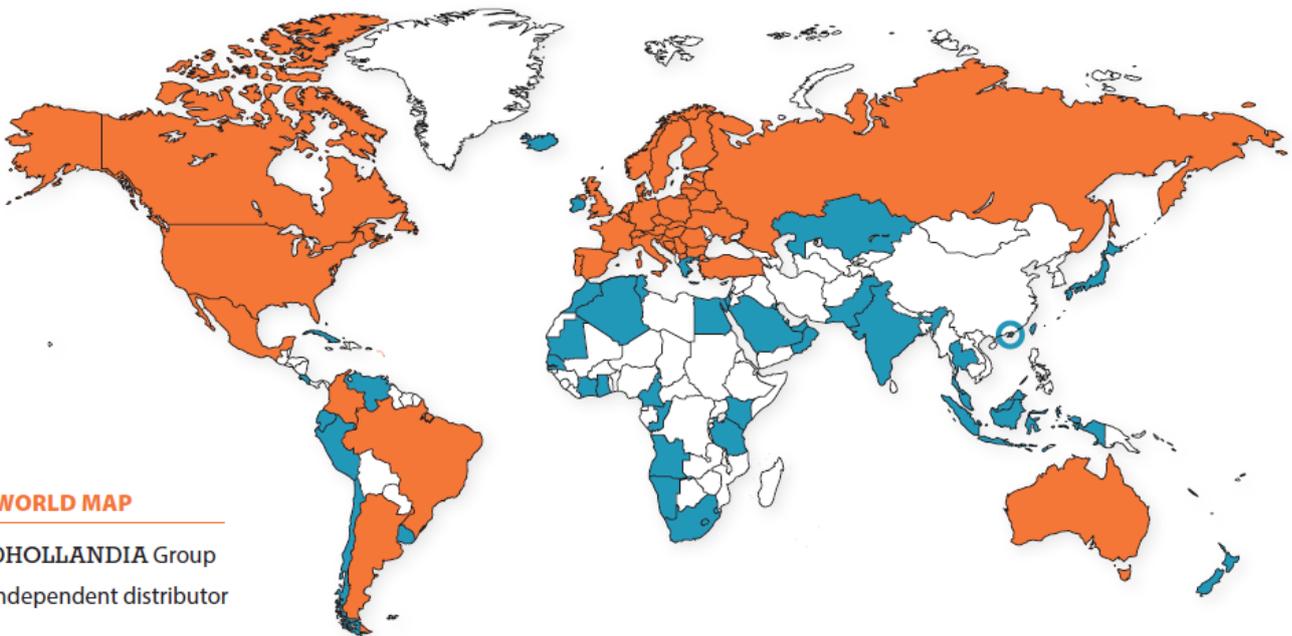
Tail lifts of 150 – 9,000 kg  
Ramps of 1,000 – 33,000 kg



Sales and after-sales network covering  
6 continents and more than 75 countries  
worldwide



Preferred choice of many fleet owners, transport companies, rental & leasing companies,  
truck body and chassis manufacturers around the world



## Q2 / 2022: New DHOLLANDIA factory in Wrexham UK

The market for light-duty column lifts is heavily concentrated in the UK and IRL. This particular product segment remains extremely competitive and reliant on short delivery times. In order to support future growth in those 2 key geographical markets, Dhollandia has invested in a 81,000 sqft production facility on a 5.5 acre site in Wrexham where dedicated lifts for the UK and IRL are now manufactured and assembled.

The new facility in Wrexham increases the production capacity of the DHOLLANDIA group, reduces lead times, keeps transport mileage low and enables us to deliver more environmentally friendly.

Dhollandia UK Ltd, head quartered in Huntingdon, Cambs, will stand alongside the new facility in Wrexham and will continue to offer unrivalled sales and after-sales support to the UK market, including the national spare parts center.



## New 81,000 sqft factory in Wrexham UK



## DHOLLANDIA : who are we?

3 markets



Vans & utility vehicles



Industrial vehicles



Minibus, bus & coach

3 divisions



Commercial transport  
Industry, transport & logistics



Passenger transport  
Public & private transport



After market  
Parts, service, fleet management

3 professions



Inventor / designer



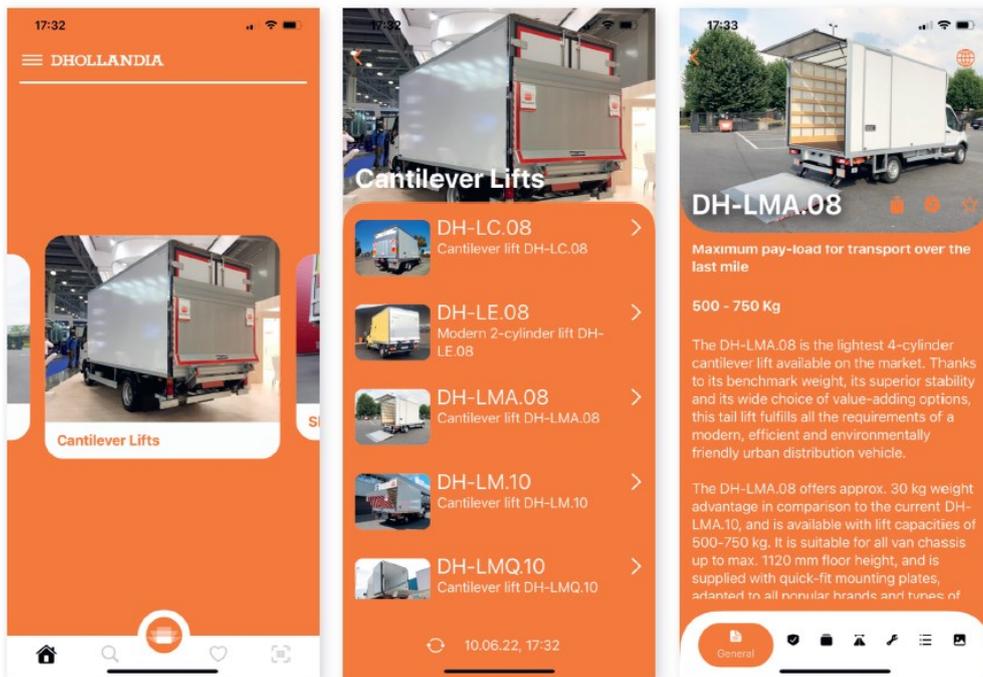
Manufacturer



Distributor

**Important product info & installation parameters just a few clicks away (also off-line)**

In order to allow for faster information updates to body builders, truck dealers and distributors, DHOLLANDIA has replaced the “good old” paper pocket guide, that used to be updated bi-annually, by an App that can be downloaded from the App Store. The App also provides access to option lists and an inspirational photo library.



## Industry leading technologies used in the fight against corrosion

DHOLLANDIA offers 2 premium surface treatment finishes for the steel components used on its lifts, both standing **at the top of what our industry has on offer**. The bulk of medium duty lifts in the 1500 - 3000 kg range come galvanized as standard. The light-duty lifts 500 - 750 kg are offered with Protection PLUS finish as a standard, and galvanized finish as an option. The heavy duty end of the product range with lift capacities ranging from 4000 - 9000 kg is finished in Protection PLUS finish.

### → HOT-DIP ZINC PLATED OR GALVANIZED FINISH

DHOLLANDIA was the first manufacturer in the world to offer **HOT-DIP ZINC PLATED FINISH** as standard corrosion protection on the most popular types of tail lifts.

It beats all competing finishes in terms of **long-term corrosion protection and TCO** (total cost of ownership). It is one of the few modern technologies **protecting the outside and the inside of steel structures alike**, influencing significantly the **durability** of the product.



Moreover, life-cycle assessments have proven that this technology is also more environmentally friendly than many of the paint and coating alternatives used in the metal industry today.

### → PROTECTION PLUS = KTL + POWDER COAT

Various manufacturers offer **epoxy e-coat or KTL** (Katodische Tauchlackierung) as a final finish for their product. Where a painted finish is required instead of a galvanized one, and except on targeted low-budget applications, DHOLLANDIA always adds a **polyester powder coating** to the epoxy e-coat or KTL ground layer.

This powder coating protects the e-coat from turning chalky by UV-radiation and from mechanical damage. Hence it hugely contributes to the longevity of the product, and gives investors the best value for money !



## → ZINC-NICKEL PLATING for smaller steel components

From Q3 2015 onwards, DHOLLANDIA has introduced **ZINC-NICKEL PLATED FINISH** for the barrels of the hydraulic cylinders, and other smaller steel components such as articulation pins, cylinder fixtures, small brackets, couplings etc...

Zinc-Nickel plating offers a much **higher protection against corrosion** than more conventional chemical treatments. It also improves the surface hardness and reduces hydrogen embrittlement, both qualities that will influence very positively on the longevity of e.g. articulation points.



DHOLLANDIA endeavours to keep a **strong and pro-active focus on the environment** and the world we live, mainly through:

- The use of Best Available Techniques for waste water treatment and re-use of process water and other resources
- The use of captured rain water for industrial purposes
- Optimization of manufacturing processes and maximum avoidance of scrap
- Separated collection of the various metal scraps and other substances to maximize recycling opportunities
- Application of solar energy to power manufacturing processes
- Maximum elimination of lost packaging
- ISO 14001 certified
- Hot-dip zincplating or galvanization scores very highly in life-cycle assessments

# Lightest 4-cylinder cantilever lift: Superior stability and performance



**DHOLLANDIA**

Super light 4-cylinder  
cantilever lift



From 166 kg onwards



**DHOLLANDIA**

**Cantilever lift DH-LMA.08**

**500 - 750 Kg**



## Product update: 4-cylinder DH-LMA.08 cantilever lift for light-duty commercial vehicles

The commercial vehicle industry is investing huge resources in developing **light-weight** and environmentally friendly distribution vehicles that can deliver merchandise over **the last mile** with maximum efficiency.

Since 4-cylinder cantilever tail lifts remain extremely popular in Europe and many other parts of the world, the weight-champion DH-LMA.08 500-750 kg fulfils all the important requirements in terms of user's comfort, safety, reliability, value-adding features, truck pay-load maximization, and TCO.

### **Main features this lift:**

- Very low proper weight, from 166 kg onwards (depending on chassis type and lift features)
- Superior stability thanks to the robust 4-cylinder construction
- Now adapted models available for all brands of 3.5T van chassis, including many light-duty EV's
- Unlike many 2-cylinder and 3-cylinder tail lifts available in the market, the DH-LMA.08 can be equipped with a CE certified towing hitch construction
- The 3-piece bumper bar fixed to the lift frame offers extra ground clearance
- Improved hydraulic flows to reduce the Amp-draw of the tail lift and extend the range of EV batteries.

### **Important options shown on this lift:**

- Updated lift frame combining minimal weight with maximum strength
- New super-sealed pump unit with integrated "arctic" control unit [OAE041.BP.0]
- Lightweight aluminium platform with vertical profiles, in ANODIZED finish [OAT135]
- Optimization of hydraulic pressures and reduction of Amp consumption



# Powerful, robust lift for the intensive distribution (supermarket & food)



DHOLLANDIA

**NEW**



DHOLLANDIA

## Cantilever lift DH-LM.30

2000 - 3000 Kg

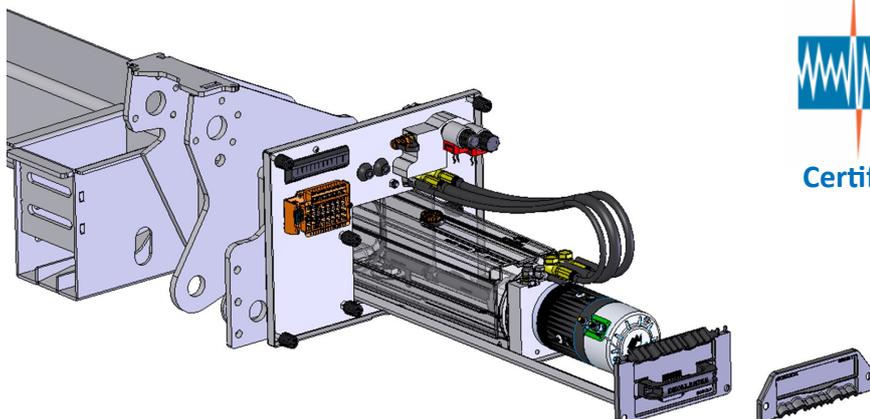


### Product update: 4-cylinder DH-LM.30 cantilever lift for heavy-duty commercial vehicles

The cantilever lift DH-LM.30 is a **powerful lift** for intensive **heavy-duty usage** in “hostile environment” conditions. It is ideally suited for the most demanding applications in the regular transport business, such as **supermarket & food distribution**. The DH-LMR.30.10 shown at IAA is specially designed for **quick-fitting on trailers and semi-trailers** and bolts directly to the I-beam chassis.

#### New evolutions on this lift:

- Faster and easier installations thanks to a **new simplified lift frame design**
- Lighter weight tail lift and increased vehicle pay-load thanks to a new simplified design
- New **low-noise PIEK-ready power pack** partially integrated in the lift frame main tube
- Optimization of hydraulic pressures and reduction of Amp consumption



Certification pending

**HOT-DIP  
ZINC PLATED**

## Slider lift DH-SM.20

1500 - 2000 Kg

**DHOLLANDIA**

### 4-cylinder medium-duty slider lift with single-fold platform

The DH-SM(R).20 is the top seller slider lift in the medium-duty capacity range and has been a proven value in the distribution sector for decades. This versatile lift can handle various types of cargo, such as roll cages or pallets with a pallet truck, up to max. 2000 kg.

With a **safe travel position underneath the vehicle chassis**, the DH-SM.20 is ideal for operations needing frequent loading-dock access or fork lift loading, and all applications that benefit from quick and unobstructed access to the cargo space.

#### **Main evolutions on this lift:**

- New design of the telescopic battery box (smarter & weight saving design, smoother sliding in / out, longer travel range and better accessibility for maintenance)
- New super-sealed pump unit
- Improved locking of the torsion bar between the 2 platform sections

#### **Important options shown on this lift:**

- Quick-fit features for installation on truck versus trailer chassis
- New design of the telescopic battery box
- Hinged safety rails offering side (un)loading facility

**HOT-DIP  
ZINC PLATED**

## Light-duty external manual ramp DH-AM.25 (full width) and DH-AMZ.25 (half-width) 1000 - 3000 kg



The DH-AM.25 is an easy-to-use manual ramp with aluminium platform, offering 1000 - 3000 kg carrying capacity. It can be used for a wide variety of operations.

Typical applications include the transport of cars, animal (horse) transport, transport of industrial linen (laundry), transport of small wheeled machinery (tractors, lawn mowers, etc.), and all kinds of emergency vehicles.

The standard **DH-AM.25** features a **full-width platform**, that can form the rear closure of the body as a door. The **DH-AMZ.25** offers a **half-width platform**, leaving the access through the other door completely free, so that the ramp can be used or left in its stow position at the discretion of the operator.

All DH-AM\* are supported by powerful torsion bars inside the platform, to assist during the manual opening / closing of the platform and reduce human effort as much as possible.

On show at the IAA:  
The exhibit demonstrates 2 manual ramp options.

It combines a **free-access DH-AMZ.25** external ramp plus opposite door; with a **DH-AI12.10** internal ramp stored inside the body, just in front of the rear doors.

**DH-AMZ.25**  
**Half-width platform**  
**Free access through the opposite door**  
**Maximum flexibility.**



## Light-duty internal manual ramp DH-AI12.10 1000 kg 2800 mm



The DH-AI\* are manually foldable ramps, suitable for a wide range of Multi-passenger vehicles, minibuses and vans. The range offers following types:

- DH-AI01 = **portable ramps** with a 1-piece aluminium platform @ 400 kg
- DH-AI02 = portable ramps with a foldable 2-piece aluminium platform @ 400 kg
- DH-AI12 = **internally mounted ramps** with a foldable 2-piece aluminium platform @ 400 - 1000 kg
- DH-AI13 = internally mounted ramps with a foldable 3-piece aluminium platform (for shallower access angle) @ 400 kg

The platform is usually made of **mesh aluminium** (standard for passenger transport). A **perforated aluminium profile** is available as an option (recommended for commercial purposes). Both finishes offer excellent grip and non-slip characteristics.

The DH-AI12 / 13 can be mounted and dismantled very quickly, to maximize the flexibility of the vehicle. A **free-access swivel kit** is available as an option.

On show at the IAA:

The exhibit demonstrates 2 manual ramp options.

It combines a **free-access DH-AMZ.25** external ramp plus opposite door; with a **DH-AI12.10** internal ramp stored inside the body, just in front of the rear doors.



## Column lift DH-VO.07.K1

500 - 750 Kg



### A new generation of light-duty column lifts supplied out of Wrexham, UK

The DH-VO.07.K1 is a light-duty column lift designed for commercial vehicles up to 7.5T GVW. This lift offers maximum all-round efficiency and is offered to the market with a wide choice of options. It combines maximum operational reliability with a great ease of use.



At IAA 2022, DHOLLANDIA highlights 2 popular dedicated specifications, that become available from the new manufacturing facilities in Wrexham UK with shorter delivery times: a Luton spec and a Dropside spec.

The Luton spec (500-750 kg) is designed for installation on **Luton bodies**. It features a **new-style aluminium platform shape and construction** in anodized finish (option); galvanized columns for maximum corrosion protection; a toggle switch at the top of the column; an integrated pump unit; and roll stops in the platform point.

The Dropside spec (500-750 kg) is designed for installation on **Dropside vehicles**. It is equipped with a new-style of **air-permeable mesh platform** to reduce wind drag and optimize fuel consumption; galvanized columns for maximum corrosion protection; and a pair of automatically unfolding dual-purpose guard rails, that allow for side (un)loading when required.



## The connected tail lift = DHOLLANDIA's vision on the tail lift of tomorrow

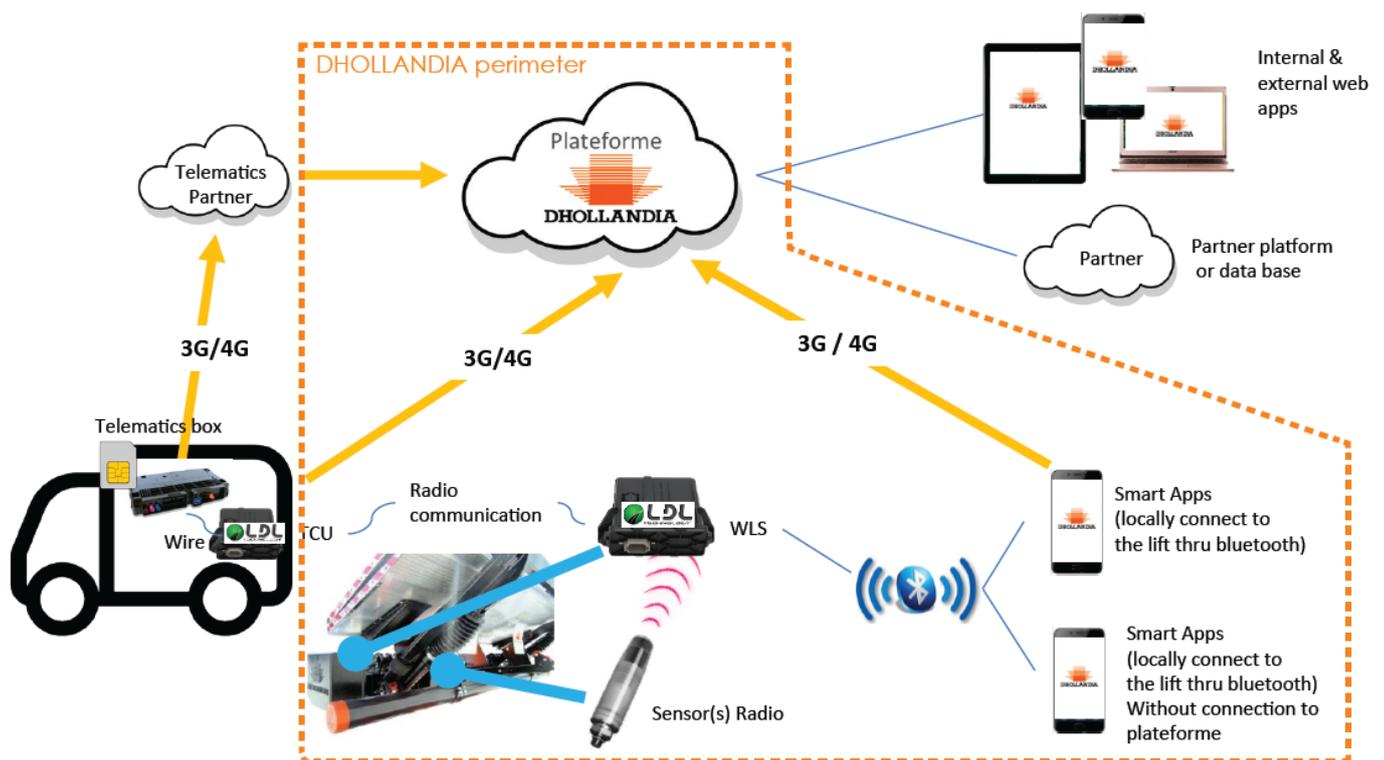
For decades, DHOLLANDIA has enjoyed a very strong reputation for superior reliability of their tail lifts in the daily operation of many clients.

This excellent performance was based on robust, high-quality and electronics-free product designs on the one hand, and a premium international service network on the other hand. Too often, technical interventions were limited to repairs as a result of an accidental breakdown.

Today, customers wish to deliver their products in total serenity, and conscience grows that preventive maintenance leads to a much lower TCO than ad-hoc repairs, certainly when all direct and indirect costs of a breakdown are taken into account.

Moving forward, DHOLLANDIA now provides tools to make the tail lift **CONNECTED**, and to provide users an easy access to exploitable data that enable fleet managers to schedule pro-active and preventive maintenance; to optimize their tail lift fleet; to reduce the overall TCO; and to exploit a number of additional tools such as geo-fencing.

## Connected Tail Lift



### What is the goal of the connected tail lift package?

- Enable a user-friendly interface between the tail lift, the vehicle telematics and vehicle information management systems, and the fleet manager's desk.
- Provide possibility to analyse the tail lifts data in real time
- Monitor tail lift use and technical parameters, understand real tail lift usage, help to plan and schedule pro-active and preventive maintenance.



## How does the connected tail lift function?

- The tail lift is equipped with a smart black box that collects data from the tail lift
- The data can be accessed in real time or memorized via Bluetooth connection on a smartphone or tablet
- One step further, the data can be transferred to the truck's information management systems or the fleet manager's desk via telematics interfaces.



## What kind of data are retrieved, what functions are available on the CONNECTED TAIL LIFT?

- Cycle counter
- Battery guard for low-voltage abuse
- Working time
- Reminders for maintenance or periodic CE inspection
- One step further, the **COMMUNICATING TAIL LIFT** will enable bi-directional communication and enable new tools such as:
  - Status alarms, e.g. platform open or closed, hydraulic pressure loss, etc.
  - Geo-fencing, only activating the tail lift on predetermined GPS coordinates managed by the logistics' planning department, e.g. to prevent theft of precious cargo.
  - ...



## Customer's benefits of Preventive maintenance

- The collected data can be uploaded in SW tools to analyse the tail lifts' history, use and abuse, optimize the fleet management, predict when maintenance will be required, and plan accordingly.
- Analysis helps to reduce unexpected failure and down-time
- Knowledge can make vehicle immobilization planned (one stop for all technical components on board), reduce the down-time and maximize the vehicle efficiency.



## Customer's benefits of Predictive maintenance

- Clever and systematic analysis of the available data, of the tail lifts' history, use and accidental abuse, allow fleet managers to develop customized or smart maintenance.
- Smart predictive maintenance can be adjusted to the application, the environment, the frequency of use and specific client-related conditions.
- Smart predictive maintenance can help to reduce the cost of preventive maintenance.

Founded in 1968, **DHOLLANDIA** is today the leading manufacturer and distributor of industrial tail lifts in Europe.

Since almost 20 years, the industrial group has invested in a separate division dedicated to developing and promoting solutions that enhance and optimise the private and public mobility.

Today, **DHOLLANDIA** offers a **wide range of access solutions for wheelchair passengers and persons with impaired mobility**, and supports the following groups of users:



**Private mobility**



**Public transport  
Tourism, coaches**



**Ambulance vehicles, taxis  
Custom-made applications**

Apart from this wide range of performing access solutions, and the industrial strength of the group, **DHOLLANDIA** clients benefit from the professionalism, dedication, accessibility and proximity of the **vast after-sales network**, that stretches out over the whole of Europe, and in more than 75 countries worldwide.

The superior operational quality of this **DHOLLANDIA** network guarantees that extra piece of mind, that has formed the basis of long lasting customer satisfaction and loyalty among many bus & coach builders, fleet owners and operators across Europe.



**Solutions for MPV's and minibuses:  
visit our stand in the outside area K75**



**Cassette-type wheelchair lifts for busses  
and coaches at our stand B04 in hall 26**



## Cassette passenger lift DH-CH104.03

300 Kg



**DHOLLANDIA**



### DH-CH104.03 300 kg - compact cassette lift for side door installation

The DH-CH104 is a **slim cassette lift** that allows installation under the side door of panel vans and minibuses, also on those models with reduced underfloor height. All the movements of the lift are automatic and controlled by a 4 button remote control. The lift can be mounted in class M1 vehicles. Thanks to the **robust and clever lift arm geometry**, the DH-CH104 guarantees maximum stability and comfort for the wheelchair occupant and user.

#### Technical characteristics:

- 300 kg lift capacity
- 1200 x 800 mm useful platform surface
- 70 mm cassette thickness
- 620 mm max. lifting height above the ground
- Weight = 170 kg incl. pump unit

#### Main functional features this lift:

- Completely sealed cassette
- Aluminium platform with anti-slip strips across the platform surface
- Robust lift arm construction offering maximum platform stability
- Automatic blocking of the roll-stop in raised position, once the platform leaves the ground
- Fully automatic operations
- Hydraulic pump unit with snap-couplings to speed up installation
- Compact hydraulic pump unit + detachable PCB
- Electronic control centre with handy diagnosis tools and emergency override buttons
- Simple, easy-to-use 4-button wander lead with spiral cable, incl. integrated emergency stop

## Passenger lift DH-PH2.04

350 - 500 Kg

**DHOLLANDIA**

### Renewed DH-PH2.04 400 kg twin arm wheelchair lift since 2019

The renewed version of our signature lift DH-PH2.04 offers a **modernized design**, a **reduced own weight** and smoother **movements** for unpaired user comfort. The lift comes in 3 versions, with a one-piece platform [standard], a horizontally folded [option OWU003] and a vertically split platform [option OWU002]. It offers a mechanical automatic locking system for maximum safety (optional) and the possibility of double safety hooks (optional) to give customers the convenience of configuring the lift according to their own needs.

#### **Technical characteristics:**

- 400 kg lift capacity
- Platform depths 1100 - 1150 - 1250 - 1350 - 1450 mm
- 900 mm max. lifting height above the ground
- Weight = 120 kg incl. pump unit, approx. 15 kg gain in weight

#### **Main functional features this lift:**

- Only 120 kg own weight
- Curved lifting arms without welded parts
- Remodelled pump unit with drip pan and improved cover
- Compact coupling for the wander lead control with spiral cable
- Standard equipped with 1 gas-cylinder driven automatic stow lock [ref. OWF014.1]. In option available with a double gas-cylinder driven automatic stow lock L+R [option OWF014.2] or with a manual self re-arming safety lock [option OWF015].

## Manual ramp DH-AI12 / AI13

400 - 1000 Kg



### Light-duty internal manual ramp DH-AI13.04 400 kg 3000 mm

The DH-AI\* are manually foldable ramps, suitable for a wide range of Multi-passenger vehicles and minibuses. The range offers following types:

- DH-AI01 = **portable ramps** with a 1-piece aluminium platform @ 400 kg
- DH-AI02 = portable ramps with a foldable 2-piece aluminium platform @ 400 kg
- DH-AI12 = **internally mounted ramps** with a foldable 2-piece aluminium platform @ 400 - 1000 kg (600 kg on request)
- DH-AI13 = internally mounted ramps with a foldable 3-piece aluminium platform (for shallower access angle) @ 400 kg

The platform is usually made of **mesh aluminium** (standard for passenger transport). A **perforated aluminium profile** is available as an option (recommended for commercial purposes). Both finishes offer excellent grip and non-slip characteristics.

The DH-AI12 / 13 can be mounted and dismantled very quickly, to maximize the flexibility of the vehicle. A **free-access swivel kit** is available as an option.

At IAA, DHOLLANDIA shows the internal ramps as an alternative, flexible and cost-effective alternative to hydraulically operated wheelchair lifts.