

MezzLift
BayLift
CellarLift
SpecialistLift
ScissorLift

GoodsLifts

The finest range of lifting solutions.
Flexible, strong and cost effective.

PennyHydraulics

Your strength is Our versatility



PennyHydraulics

Welcome to Penny Hydraulics

Penny Hydraulics has been designing and manufacturing bespoke lifting solutions for more than thirty years.

In addition to the range of market leading vehicle-mounted cranes and lifting platforms, we design and build a wide range of goods lifting products to suit numerous requirements and applications within buildings.

Our lifting solutions are usually developed in answer to a specific problem our customers face. The benefits of one of our bespoke lifts are improved efficiency and safety at reasonable cost, with minimum structural modification to your premises.

All Penny Hydraulics products are designed, developed and manufactured to stringent European quality and safety standards at our purpose built UK facility. You are always welcome to visit our operation first hand.

Certification



Site Assessment

Before any project is undertaken, one of our lift consultant team undertakes a full site survey to determine the exact lift needed in response to the required application.

By following this process, every installation is finely tuned to meet customer expectations.

Servicing Charter

We understand that you need the peace of mind of a planned maintenance programme in order to achieve full compliance with European legislation.

Using our own team of engineers based throughout the country, we offer a choice of extremely cost effective service packages. These include thorough examination and preventative, planned maintenance to ensure reliable service throughout the life of your investment and compliance with statutory legislation.

Additional support is offered in the form of our on site fitting and training services.

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For more information about our lifting products, please call

01246 811475 or email sales@pennyhydraulics.com

Lifting Solutions

There are many lifts for many different applications.

Our versatile and innovative **MezzLift** is designed specifically to your requirements to move goods safely and efficiently between two (or more) floors. Our specialist range of **CellarLift** delivery hoists are designed for the safe handling of drinks and foodstuffs.

In addition to these core lifting products, we provide a range of lifts with either indoor or outdoor operating capabilities.

Key questions to answer when thinking about your lifting solution.

- What type of goods will the lift carry?
- What is the approximate size of goods?
- What is the approximate weight of goods?
- How are the goods to be loaded?
Trolley, pallet truck or hand loaded?
- What is the floor to floor height?
- What are the number of dockings/stops required?
- Is the installation inside or outside?
- How often will it be used?

The answers to these questions will give our solutions team the required information ahead of site assessment, making the whole process more efficient.

Mezz, Bay, Cellar or Scissor Lifts -
inside or outside, whichever suits your need





MezzLift – The easiest and most cost effective way to reach 2nd and 3rd level mezzanine floors

Why is a MezzLift better than a traditional goods lift?

There is no need for a motor room or lift pit leading to immediate cost and space savings. The rugged industrial frame and mechanism give low maintenance requirements and a long life span.

Why is a MezzLift better than a Fork Lift?

Operating a fork lift for routine lifts to a mezzanine floor ties up an expensive machine and driver who could be better employed elsewhere. The confined space of a warehouse can also be hazardous for fork truck operations.

The answer is clear...

In contrast, our **MezzLifts** benefit our customers with tangible cost savings by removing the need for unnecessary structural changes to their buildings and reducing the risks associated with operating fork trucks and unaided manual handling operations.

Penny Hydraulics supply **MezzLifts** to:



Certain situations & loads can lend themselves to a Basic **MezzLift** installation.

A simple gate is fitted at ground level, whilst upper threshold protection is given by a fixed rail across the opening with a gate beneath.

Goods are brought out beneath this rail.

This eliminates the need for costly interlock devices, speeds up the lift use and reduces maintenance costs.

All Penny Hydraulics products are designed and manufactured in the UK.

**Built in Britain,
Built for You,
Built to Last...**

MezzLift

250kg Basic

MezzLift



MezzLift

250-500kg

Fully Enclosed & Self Supporting

Can service
3 floors



The Penny Hydraulics **MezzLift** offers operators a simple, safe and efficient way to handle loads up to 500kg between two or three floors, in warehouses, stores, factories and workshops.

It can be installed in virtually any location, indoors or out, where there is access to a standard 240V 20A power supply without any need to excavate a floor pit.

The unit can also be constructed as a complete self-supporting structure and with 3 phase power.

Penny Hydraulics can assist Architects & Designers by annotating and supplying plans in autoCAD.

We deliver full service and support throughout every project stage.



MezzLift

50-250kg

Waist Level



Where quantities of small, light goods are to be carried, the decking level can be at waist height with a fixed rail at 800mm and a slam shut gate.

This means that if the location permits a basic **Mezzlift** can be installed

PennyHydraulics

- Design
- Manufacture
- Installation
- Service

The Penny Hydraulics website hosts extensive product, technical, support and video resources.

Please visit
www.pennyhydraulics.com

If warehouse or workshop space is limited why not run an enclosed, self-supporting **Mezzlift** up the outside wall?

This saves on valuable production space and any disruption to normal activities.

All external lifts are galvanised, robust and completely weatherproof.

MezzLift

250-500kg

Outdoor

Self-Supporting

PennyHydraulics

- Design
- Manufacture
- Installation
- Service

We're here to help, call the Penny Hydraulics Service and Sales hotline for assistance and technical information on

01246 811475





BayLift – The easiest and most flexible way to load goods in loading bays

Do you need to move goods between levels less than 1.5 metres?

Do you need a cost effective solution designed for indoor or outdoor use?

Do you need to make more of available space?

Do you need a compact and versatile lift which does not require a lift pit or costly building work?

Do you need a lift which folds away when not in use allowing unhindered access?

Do you need help to comply with current manual handling legislation?

If the answer is **YES**....then the answer is **BayLift**

Penny Hydraulics **BayLifts** to



Where changes in level are less than 1500mm then a **Baylift** could be the answer.

Our **Baylifts** can handle loads from 250kg up to 2.0 tonnes, indoors or out.



BayLift

Platform Type

250 - 2000kg



All Penny Hydraulics products are designed and manufactured in the UK.

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Built to Last...**

CellarLift – The only easy and effective way to move barrels and cases

The problem...

Traditional manual methods for moving barrels, cases and restaurant supplies between levels can be back breaking, time consuming and hazardous.

The safe systems of work are easily overcome in an effort to speed up the operation, often resulting in building and container damage.

Even lifting empties is beyond normal manual handling expectations, which can lead to injury and costly absenteeism.

The answer is clear...

The **Cellar**lift range provides a robust, reliable and cost effective solution to problems associated with deliveries.

They can also be of great benefit when used as a crate hoist for moving cases, boxed goods, kitchen deliveries or for restocking the bar.

Penny Hydraulics supply **Cellar**Lifts to



The sloping **Cellarlift** is a unique device for handling barrels, crates and food stuffs between levels where an existing ramp or skid is in place.

The lift can handle barrels up to 54 gallons and the case tray will carry cases and boxes

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CellarLift

Sloping Lift

Barrels & Cases



CellarLift

Vertical Lift

Barrels & Cases



The vertical **CellarLift** handles barrels and kegs up to 54 gallons, a double stack of crates or boxed goods whilst occupying the minimum of cellar space.

It is widely used throughout the retail and licensed trade and is adaptable to suit most situations.

Fully galvanised, it is designed to operate in the most arduous conditions, inside or out.

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The Penny Hydraulics **CaseHoist** is ideal for handling cases, boxes and packaged food goods between two floors, such as the cellar, kitchen or bar stocking area in pubs, bars, hotels and restaurants.

CaseHoist Double Stack

CaseHoist



We're here to help, call the Penny Hydraulics Service and Sales hotline for assistance and technical information on

01246 811475

Mini CaseHoist Single Stack



Our range of **CaseHoists** have many uses, from pavement deliveries for retail outlets, to re-stocking the bar from a basement store.

It is possible to fit a Mini **CaseHoist** in an opening only 500mm x 600mm for loads up to 80kg.



Penny Hydraulics can assist Architects & Designers by annotating and supplying plans in autoCAD.

We deliver full service and support throughout every project stage.

Specialist application **CellarLifts** are also available, such as the Side Loader, which is ideal in tight inaccessible cellars where space is at a premium.



CellarLift

Front & Side Loading



Side Loading

All Penny Hydraulics products are designed and manufactured in the UK.

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Built to Last...**

CycleLift

CycleLift – ideal for the city, where the lift needs to be sympathetic to its surroundings



BinLift

BinLift – The best way to move bins, inside or outside and on any level



TyreLift

TyreLift – the leading solution for tyres, batteries and all automotive stock



ScissorLifts are a useful addition to our range where heavier loads must be carried.

They can also make efficient use of space, but generally require a pit to enable floor to floor movement.

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- Service

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ScissorLift –
Great for heavyweight lifting

ScissorLift

ScissorLift



Technical Specifications

Maximum Working Loads

Each lift is assessed and marked individually. Our solutions team will work with you, the designer or architect to ensure the right lift for the application with a range of products available from 50kg – 2000kg maximum working load.

Noise Levels

A survey sheet giving full details is available on request. Briefly, the results are as follows:

Hydraulic pump motor running	65dB(A)
Lift operating when loaded	58dB(A)
Lift operating when unloaded	65dB(A)

These levels are well below those at which hearing can be damaged and below levels at which action is required under the noise at work regulations.

Power Supply

Standard lifts require a 20 Amp/240 Volt 50Hz single-phase electrical supply. This should be terminated in a double pole switch. If circuit breakers are employed in the system then they must be of a type that can cope with the surge of an electric motor. Lifts can also be supplied as 415 Volt, 3 phase units where required.

Electrical Specification

240 Volt	9.5 Amp	1.5 kW	1 Ph	IP54
240 Volt	12.6 Amp	1.8 kW	1 Ph	IP54
240 Volt	13.0 Amp	2.2 kW	1 Ph	IP55
415 Volt	4.8 Amp	2.2 kW	3 Ph	IP55
12 volts DC control circuits where fitted				

Terminal Disposal

Penny Hydraulics will remove and dispose of the entire lift in an environmentally sound manner when required.

HELA Legislation

Penny Hydraulics **CellarLift**, the unique device that is widely used in breweries and pubs for handling containers, barrels, casks, crates and related items in and out of cellars. The **CellarLift** was introduced twenty years ago and since then the company has built up unparalleled knowledge and expertise about load handling safety issues. This is one of the reasons why it was approached recently by the Health and Safety Executive/Local Authority Enforcement Liaison Committee (HELA) to help with a new publication on “**Power Operated Cellar Hoists For Beer Containers**”. An online version is available at <http://www.hse.gov.uk/lau/lacs/49-10.htm>

Penny Hydraulics provided advice and information to help the HELA team finalise the content of the publication to include an up-to-date definition of what constitutes a cellar hoist, how they should be used in pubs and breweries, and legal requirements and regulations governing their use. Images of the **CellarLift** in use are used throughout the publication to illustrate best practice and appropriate installation.

Useful Information

Weights and dimensions of full and empty containers

	Empty Weight (kg)	Full Weight (kg)	Standing Height (cm)	Belly Width (cm)	End width kegs/casks (cm)
9g aluminium	9.5	50.5	49.0	41.3	30.5
9g steel	18.5	59.5	49.0	41.3	30.5
11g aluminium	9.1	60.0	53.3	39.4	39.4
11g stainless steel	12.5	63.0	53.3	39.4	39.4
Guinness 11g					
Twin chamber aluminium	18.2	68.9	62.2	45.0	44.0
Single chamber steel	11.8	62.2	62.2	45.0	44.0
22g aluminium	16.4	118.2	62.9	54.6	45.1
36g aluminium	28.0	193.6	74.9	62.2	49.5
36g wood	63.4	229.0	78.7	66.0	-
54g aluminium	39.0	291.0	-	91.4	71.1

Weights and dimensions of drinks packages

Boxes and crates of bottles	Empty Weight (kg)	Full Weight (kg)	Height (cm)	Length (cm)	Width (cm)
12 x pint bottle	7.3	14.1	27.9	34.9	26.7
12 x litre bottle	12.1	24.1	31.8	36.8	28.6
24 x 16oz cans	0.2	12.3	15.2	41.9	27.4
CO ₂ cylinder 20lb	13.6	22.7	111.8	13.3	13.3
CO ₂ cylinder 14lb	9.1	15.5	63.5	17.1	17.1

Trade Waste Container Sizes

Trade Waste Bin 1100

Capacity 1.1m³ (1100 litre)
1.5m H x 1.3m W x 1.0m D

Trade Waste Bin 660

Capacity 0.66m³ (660 litre)
1.2m H x 1.4m W x 0.8m D

Wheelie Bin 240 (Domestic)

Capacity 0.24m³ (240 litre)
1.1m H x 0.6m W x 0.7m D

Roller Cages - Nesting Style

Load Capacity:

Roll Pallet 500kg

External Length 840mm

External Width 735mm

External Height 1743mm

All dimensions and weights are approximate and are to be used as a guide only

Service & Sales

It is essential for peace of mind and the continued safe use of Penny Hydraulics Lifts that statutory examinations are carried out alongside the manufacturer's scheme of maintenance. We offer a combined service and examination package in accordance with LOLER, provided by our own nationwide team of skilled engineers.

The key benefits of a Penny Hydraulics service contract include...

- Statutory inspections & tests completed on time
- Maintenance completed to manufacturer's specification
- OEM spares available ex-stock
- Minimum downtime
- High first time fix rate
- Nationwide coverage

Service Helpline

Telephone: **01246 811475**

Email: service@pennyhydraulics.com



Sales Helpline

Telephone: **01246 811475**

Email: sales@pennyhydraulics.com

Sales Representatives

We have representatives covering all of the UK and Ireland – please contact the one nearest to you with any sales enquiries.

Martin Oke – Area Sales Manager
(Northern England & Scotland)

Mobile: **07776 296114** Email: martin@pennyhydraulics.com

Rob Thomson – Area Sales Manager
(Southern England & Ireland)

Mobile: **07776 296115** Email: rob@pennyhydraulics.com

Derek Mashford – Sales Consultant
(Devon & Cornwall)

Mobile: **07714 381492** Email: derek.mashford@btopenworld.com

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Clients & Testimonials



“ At Penny Hydraulics the attitude was ‘let us build something for you’ rather than lead us down a particular route. They worked with us and took a risk in investing in a new product but it didn’t hinder them on delivering what we needed. ”

Chris Fisher

Fleet Planning and Operations Manager, **Royal Mail Letters**

“ Health and safety is very important to us and we wanted to find an alternative to traditional handling methods in the pubs and at the brewery. ”

We install the Cellar Lift in any pub where there is a need to handle containers between two levels.

I am totally reliant on Penny Hydraulics keeping me compliant to the latest legislation.

If they came to me and suggested an improvement I would do it. ”

Tim Batham

Director, **Bathams**

“ The Mezz Lift suits our purpose absolutely perfectly. We have freed up space and can handle more loads more efficiently. I’d have no hesitation in recommending it. ”

Paul Angell

Manager, **Toolbank Exeter**

“ We wanted a supplier with the tyre handling products and nationwide support to match our own operations. Nobody has the combination of product and support offered by Penny Hydraulics. ATS Euromaster is very health and safety conscious and we always specify equipment to help and protect employees in the work place. Mechanical lifting is the way to go. ”

Tim Richards

Group Vehicle and Equipment Manager, **ATS Euromaster**

“ Penny Hydraulics are not like other companies. They don’t have off-the-shelf products and instead took our views on board and worked with us to develop the Lift. ”

Simon White

Network Contract Commission Manager, **Atkins Somerset**

“ We have specified the Penny Hydraulics Cellar Lift for many years because it helps us promote best practice and health and safety in our dray and cellar operations. The product is very reliable and Penny Hydraulics provides us with advice and support that ensures the equipment continues to provide an excellent solution to our requirements. ”

We have a formal service and planned maintenance contract with Penny Hydraulics, which ensures all the equipment is checked regularly or fixed quickly if there is a problem, which is extremely rarely.

Tony Hogan

Estates Department Project Manager , **Fullers**

Other products available from Penny Hydraulics

Cranes from 100kg - 2000kg and Loading Platforms from 250kg - 500kg



Dray Cranes



Tech Services Cranes



Hydraulic Cranes



Knuckle Joint Cranes



Stillage Hoist



Tail Lift



Load Lift



Step Lift

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