



Safe, Robust and Reliable equipment.

Over 25 years expertise in commercial vehicle lifts.



THE UK'S **BEST** COMMERCIAL
PIT JACK **SPECIALISTS**

+44 (0) 2476 613 223

info@autolift.co.uk

www.autolift.co.uk



Specialists in a range of high performance products...



TWIN RAM JACKS



SPREADER BEAMS



SINGLE RAM JACKS



TRANSMISSION JACKS



FLOOR JACKS



JACKING BEAMS



Approved for HGV and PSV
designated test premises



All products conform to
European Union Directives
on **CE** Markings

AUTOLIFT...

Market leading performance & reliability



5 Year Warranty Subject to T&C's

+44 (0) 2476 613 223

info@autolift.co.uk

www.autolift.co.uk

Best Value for Money...

Autolift is a family run business & the leading UK manufacturer of commercial vehicle lifting equipment with a long track record of producing high performance and well-engineered equipment. We provide cost effective vehicle lifting equipment without compromising on quality or performance.

Performance & Reliability

Autolift is meticulous about the precision engineering of our component parts and demand the very best which is why we are confident in providing a 5 year warranty with our jacks.

All Autolift equipment is built to comply with European Union Directives on CE markings (Machinery Directive 2006/42/EC), engineering standard: BS EN 1494:2001 & each piece comes with a Load Test Certificate.



***Autolift Twin Ram Pit Jacks are approved for
VOSA ATF / MOT dedicated test lanes.***

Safety is Paramount

LOLER regulations mean workshop managers have to demonstrate that they have taken every step to protect their workforce. Autolift equipment offers the highest standard of safety with our pit jacks having multiple built-in safety features to help prevent any incidents.

After-sales Support

Autolift is committed to providing a comprehensive after-sales service to keep your equipment in working condition all year round! We keep stock of all our parts so downtime is kept to an absolute minimum as we understand the impact this has on a busy workshop!

We can assist with annual servicing / LOLER inspections directly, or by a fully trained and authorised third-party.

Twin Ram Pit Jacks with a variety of lifting capacities... 13 / 20 / 30 / 40 Tonnes



+44 (0) 2476 613 223

info@autolift.co.uk

www.autolift.co.uk

Our pit jacks are quick, durable, and extremely safe. Key operation features are – fully adjustable frame (see table below), 400mm lifting stroke, full lateral ram movement for precise adjustment and our unique air-over-oil design which increases the longevity of the rams as well as maintaining the quick retraction speed of the rams, year after year.

Air Operated models

- NEW 13 Tonne Adjustable Air Operated Twin Ram Pit Jack
- NEW 20 Tonne Adjustable Air Operated Twin Ram Pit Jack
- NEW 30 Tonne Adjustable Air Operated Twin Ram Pit Jack
- 40 Tonne Air Operated Twin Ram Pit Jack



Standard Accessories Included



The range of adjustment for each frame size is;

<u>Size</u>	<u>Pit Min</u>	<u>Pit Max</u>
Small	750mm	1030mm
Medium	860mm	1160mm
Large	1110mm	1410mm

All our pit jacks come with a triple layer of safety features built-in as standard;

1. Safety Lowering Valves.
2. Hose anti-burst valve in each ram in the event of a hose failure.
3. Ram lock-off handles (also allow for individual use of the rams)

Security Struts – *Simple, Efficient & Safe*

Security Struts (equates to 'screw lock threaded ram' alternative used by other manufacturers) can be added to all Autolift pit jacks as an optional extra.

These can be easily retrofitted to our new Adjustable pit jack in the pit on-site with minimal downtime.

Once the desired lifting height is reached the pins are placed through the lowest hole and will stop the rams being lowered.



Benefits of our Security Strut mechanism compared to the 'Screw Lock' alternative are;

- Quicker to insert and remove pins.
- Keeping the ram unit sealed ensures no water (causing rust) or debris can enter the sealed unit, and therefore the ram doesn't need to be re-sealed regularly meaning less downtime and lower maintenance costs.
- No threads on the rams so no chance of them becoming blocked with muck or damaged thus rendering the safety mechanism defunct & therefore unused by the user.

Duty of care...

***Meet your LOLER obligations
by having your equipment
maintained & inspected
annually.***

Key Features of Twin Ram Pit Jacks



+44 (0) 2476 613 223

info@autolift.co.uk

www.autolift.co.uk

Twin Ram Operation

Provides better stability & safety using 2 lifting points. The rams slide transversely allowing for accurate positioning under the vehicle. 400mm lifting stroke.

Plated Rams

Sealed ram unit & latest advancements in seal technology ensure water (causing rust) & muck do not enter the unit, thus significantly increasing their life-span.

Tool Tray

Provides an easily accessible place for your tools or parts while working on a job.

Roller Wheels

Provide quick and easy movement along the length of the pit.



Pump Block

Pressure relief valve automatically prevents overloading.

Ram Lock-off Handles

An easy visual safety feature & allows for the independent use of the rams.

Ergonomic handles

On front and back of jack to move the jack along the pit with ease..

High Output Air Pump

Rapidly raises the rams to load then power lift will kick in. Pump also used to quickly retract the rams.

Spring Loaded Wheels

Can be used as an alternative to our standard Roller Wheels upon request or when a lower clearance is required.



LOWER LOAD SLOWLY

MAX S.W.L. 20 TONNE

UK CP CE

ALWAYS CLOSE SAFETY CYLINDER ISOLATION VALVES BEFORE WORKING ON VEHICLE

RAISE / LOWER

IMPORTANT MAINTENANCE NOTICE

KEY SAFETY INFORMATION

COMMERCIAL VEHICLE FIT JACK OPERATING INSTRUCTIONS

TO RAISE:

1. OPEN SAFETY CYLINDER ISOLATION VALVE ON THE BASE OF CYLINDER(S)
2. OPERATE HAND LEVER ON FRONT PANEL (UPWARDS TO RAISE CYLINDER(S) TO LOAD & LIFT TO REQUIRED HEIGHT)
3. CLOSE SAFETY CYLINDER ISOLATION VALVE(S) BEFORE WORKING ON VEHICLE

TO LOWER:

1. OPEN SAFETY CYLINDER ISOLATION VALVE(S)
2. THIS BLOCK LEANS FORWARD UNDER THE HORIZONTAL RELEASE VALVE ON LEFT HAND SIDE
3. CHECK LOAD IS OFF LIFTING CYLINDER(S), HOLD DOWN AIR OPERATING VALVE ON RIGHT HAND SIDE TO FULLY RETRACT CYLINDER(S)

NEVER WORK UNDER AN UNSUPPORTED VEHICLE

ALWAYS FOLLOW THE WORDS OF THE JACK USE INSTRUCTION MANUAL FOR CORRECT PROCEDURE & SAFETY CHECKS

NEVER PUMP THE RAMS TO FULL HEIGHT ONCE A WEEK. THIS WILL LUBRICATE THE CYLINDERS & REMOVE EXCESS OIL THAT CAN ACCUMULATE. SEE INSTRUCTION MANUAL FOR FULL MAINTENANCE INFORMATION AND ADVISED SCHEDULE FOR CHANGING OIL.

MAX AIR PRESSURE 7 BAR (100 PSI)
MAX AIR PRESSURE IN RAM (100 PSI)

Heavyweight Jacks & Pit Jack Accessories



+44 (0) 2476 613 223

info@autolift.co.uk

www.autolift.co.uk

40T Pit Jack



Autolift also manufactures a range of extremely heavy-duty jacks with a lifting capacity of 30 or 40 Tonnes. As with our flagship 20T model, these jacks are expertly made and come with all the same excellent safety and design features our customers have become accustomed to. Our large capacity jacks are suited for heavyweight applications such as; quarry, mining, military, railway & airport vehicles.

Accessories

Autolift offer a range of longer extensions & a chassis adapter to aid in the jacking of different vehicles, diffs, axles, etc...



AL715 – CHASSIS ADAPTER

Spreader Beams



+44 (0) 2476 613 223

info@autolift.co.uk

www.autolift.co.uk

Spreader Beams are designed to accommodate vehicles with independent front suspensions – particularly buses and coaches. This Spreader Beam also enables you to reach jacking points beyond the width of your pit.



**13 Tonne Fixed Spreader Beam
(AL436)**

Lifting points range from 660mm to 1270mm & minimum pit width of 800mm required.

**13 Tonne Telescopic Spreader Beam
(AL585)**

Lifting points range from 920mm to 1400mm & minimum pit width of 900mm required.

2.8 Tonne Telescopic Spreader Beam



(AL584)

This spreader beam is intended for small to medium size commercial vehicles with axle loads up to 2.8T.

Lifting points range from 870mm to 1620mm & minimum pit width of 800mm required.



Having a 13 Tonne Spreader Beam (Fixed or Telescopic) is a legal requirement for VOSA ATF / MOT dedicated test lanes.

Transmission Jacks



+44 (0) 2476 613 223

info@autolift.co.uk

www.autolift.co.uk



Autolift has an extremely popular 1.5 Tonne Vertical Transmission Jack with a large lifting stroke. They can be used to remove and install engines, gearboxes etc. and are flexible in their application – can be used in a pit or under post/column lifts. The jacks are designed and manufactured for long lasting reliability and ease of use.



Benefits of our 1.5T Transmission Jack;

- 1.5 Tonne lifting capacity.
- Min. Height of 935mm
- Max. Height of 1945mm
- Universal Top Plate for different gearboxes.
- Adjustable quadrants & ratchet straps supplied for providing stability to the load.
- 2-way Tilt-and-turn adjustable headplate for precise positioning.
- They are made to be used easily and safely by one mechanic.
- Heavy Duty base for extra stability.
- High Quality Castor wheels with brakes allowing the unit to be easily moved.
- CE marked & conforms to EC Regulations
- 5 Year Warranty

Single Ram Pit Jacks



+44 (0) 2476 613 223

info@autolift.co.uk

www.autolift.co.uk



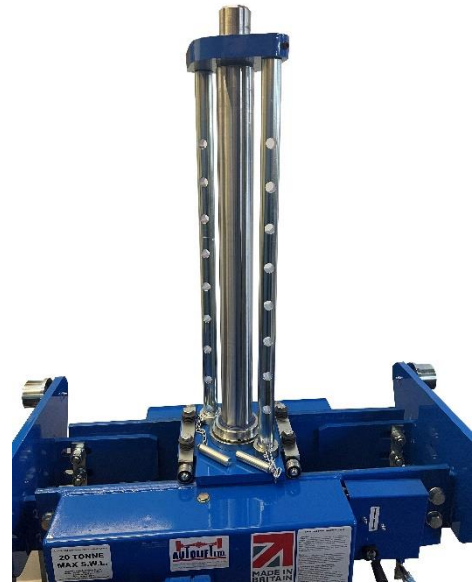
Single Ram Pit Jack with 750mm Lifting Stroke

Autolift also offer a range of Single Ram Pit jacks with a range of lifting strokes and weight capacities.

All the Single Ram pit jacks come with exactly the same safety features as the Twin Ram models. Our Single Ram models offer an alternative depending on the preference of the end user. All Single Ram models can be fitted with Security Struts.

Options of Single Ram Pit Jacks

- 15 Tonne Air Operated Single Ram Pit Jack (750mm Stroke)
- 20 Tonne Air Operated Single Ram Pit Jack (750mm Stroke)
- 15 Tonne Air Operated Single Ram Pit Jack (400mm Stroke)
- 20 Tonne Air Operated Single Ram Pit Jack (400mm Stroke)



Optional Safety Strut Mechanism on the 750mm Stroke Single Ram Jack



13 Tonne Telescopic & Fixed Spreader Beams are available for all our Single Ram Jacks.

Autolift's 13T Telescopic Spreader beam is shown here on the Single Ram Pit Jack with 400mm Stroke.

Floor Jack



+44 (0) 2476 613 223

info@autolift.co.uk

www.autolift.co.uk



Autolift offers a versatile Floor Jack with 750mm lifting stroke and is available with a 15 or 20 Tonne lifting capacity. It has a minimum height of 1200mm & maximum height of 2000mm.

The lifting cylinder is mounted in a 800 mm square sprung base and is easily moved on 4 castors. On loads above 600 kg the castors retract and the unit sits solidly & safely on the floor.

The front and rear handles, coupled with the swivel castors, allow the jack to be easily moved around and accurately positioned under the best lifting point.

The Floor Jack is designed to run on the pit floor instead of a conventional jacking beam running on pit edge rails but can also be used on a garage floor for multiple applications.

The Floor Jack has a 1.5 Tonne Capacity Adjustable Tilt Top (AL544) as an optional extra which, for example, can be used under a post-lift/column lifts to remove gearboxes / transmissions. (Pictured right)



Autolift's floor jack comes with a triple layer of safety features as standard – Safety Lowering Valves, anti-burst valve & ram lock-off handle. Security Struts can be fitted for an additional layer of safety.



Preventative Maintenance

Like with any piece of equipment regular maintenance will not only decrease the amount of potential downtime in the long-run but also extend the overall working life of the equipment.

Autolift can provide an after-sale annual service/LOLER inspection of your jack, or more regularly if preferred. We can also recommend third party agents who are fully authorised & experienced working on our equipment.

LOLER

Under LOLER regulations it is a legal requirement for the regular maintenance and testing of your lifting equipment.

The components that work the hardest on a jack are; the Rams, Pump Block & Air Motor. We offer immediate dispatch on these parts as they are always kept in stock given their vital nature to the running of a jack. Service exchange options are available for some of our components if this is your preference – get in touch for more details.



10T Ram (AL36)



Air Motor (AL574)



Pump Block (AL158)

Repair & Remanufacture

For jacks that; have been in service a long time, see very heavy usage or have been damaged – customers can, by prior arrangement, have the jack returned to us for a complete overhaul.

Autolift would do a full evaluation of the jack and provide a quote with our recommendations for authorisation prior to any works are carried out.



Pit Survey Information



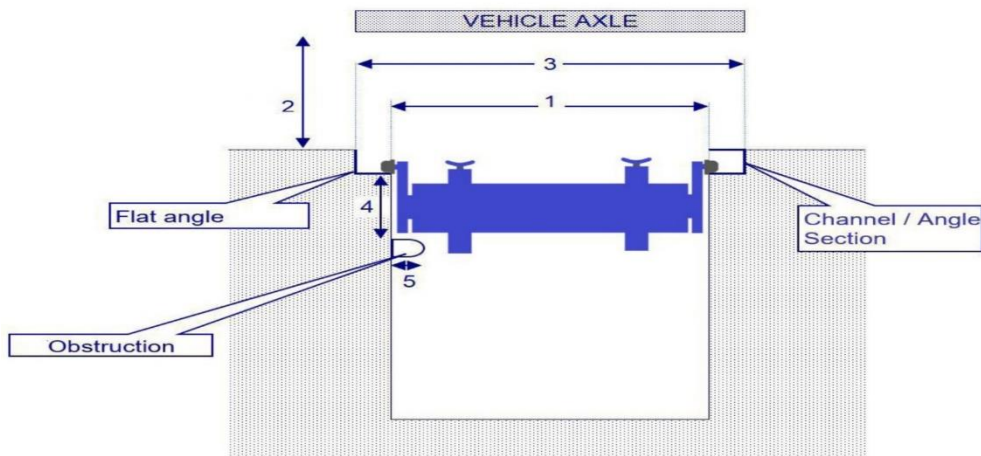
+44 (0) 2476 613 223

info@autolift.co.uk

www.autolift.co.uk

An example of our pit survey form is below. This will allow your pit jack to fit into your pit and be operational within minutes of being delivered. With your help we will get it right first time but please don't hesitate to get in touch with us if you are unsure about anything on the form. We are here to help!

A printable copy can be found online www.autolift.co.uk using the QR code -



Pit / Customer Reference :-		
1	Width of pit, check this along the length of your pit at this point between pit rails, at 1 metre intervals as indicated on diagram	max min
2	Height between the underside of the lowest vehicle and floor level	
3	Width inside vertical flanges of the pit rails, at 1 metre intervals as indicated on diagram.	max min
4	Distance down from the rail bottom to the top edge of any protrusion from the pit wall	left side right side
5	Distance from the pit wall that any protrusion intrudes into the pit	left side right side
6	Specify if rails are Angle or Channel (Mention if tapered)	
7	Internal dimensions of Angle or Channel	width height
Please advise of any information you think may be relevant not covered		

We are keen to hear from suitable organisations who may be interested in distributing our products. If you would like to become a distributor within the UK or abroad please contact us for further information.

Registered in England and Wales as: Autolift Limited

Company Number: 03789828

Copyright © 2023 Autolift Limited. All rights reserved

