



A future-proof and flexible lift
customized to your exact needs



AC Hydraulic ^{A/S}
NO COMPROMISE



"We wanted a safe and ergonomic lift that could be tailored to our specific needs and requirements, and that was exactly what we got with the inground lift from AC."

*-Workshop Owner Bernd Reichel,
Bernd Reichel Karosseribau, Germany*





YOUR CHALLENGES

Today, vehicles are becoming more and more compact creating new challenges for professional automotive workshops, and these challenges will only increase in the future.

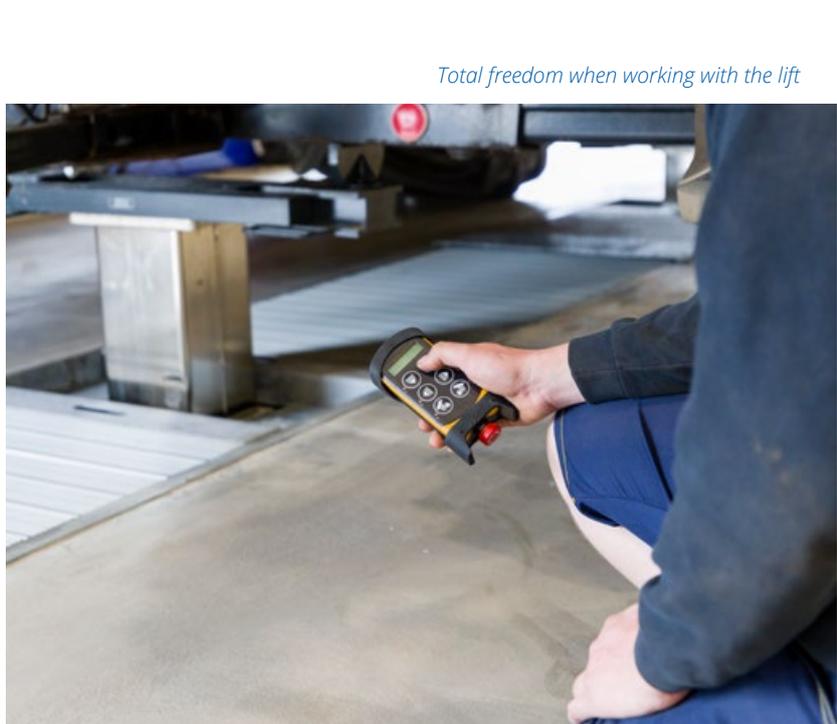
Therefore, it is crucial to have the tools that effectively allow mechanics easy access to all parts of the vehicle. This not only raises the standards of efficiency in the workshop and the quality of the repair work, but it also improves the working conditions, ergonomics, and safety of the mechanics themselves.

We offer a safe, ergonomic and efficient solution that will help you meet all the increasing demands of a modern automotive workshop.



OUR SOLUTION

- Wireless remote control
- Total flexibility
- Future-proof workshop
- Improved ergonomics
- Increase in efficiency
- Optimum use of space
- Highest quality and safety



Total freedom when working with the lift



WIRELESS REMOTE CONTROL

The inground lift is fully automated and easily operated using a wireless remote control.

The wireless remote control allows the operator to move freely around the vehicle for quick and easy inspection of the lifting points. It allows the operator to adjust and/or raise each column individually to make sure everything is correctly positioned.

The lift is then operated using the control panel allowing the operator full view of the vehicle whilst lifting.

The screen on the panel offers information about the operation of the lift, column positions as well as safety and maintenance updates.

FULLY AUTOMATED AND EASILY OPERATED

The wireless remote control combines the freedom of movement with maximum operator safety

Fast and easy positioning of the lifting columns reduces preparation time

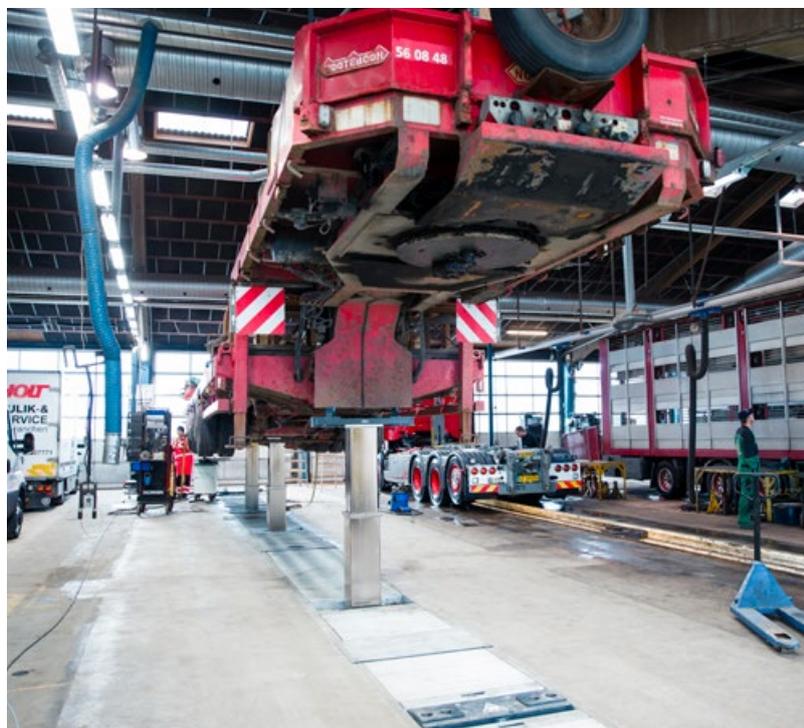


Stiholt/Scania Denmark, Thisted use their 5 column lift as 2 independent lifts when necessary



"The lift is our "fast track" and it means more time for more customers and a greater flexibility to service their needs. It has increased our productivity and reduced downtime. And in our industry time is money; simple as that."

*- Mechanic Martin Pedersen,
Stiholt/Scania Denmark*



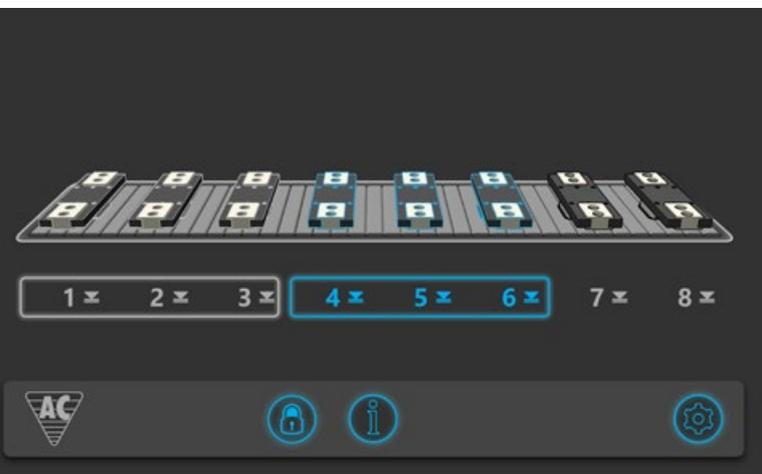


TOTAL FLEXIBILITY

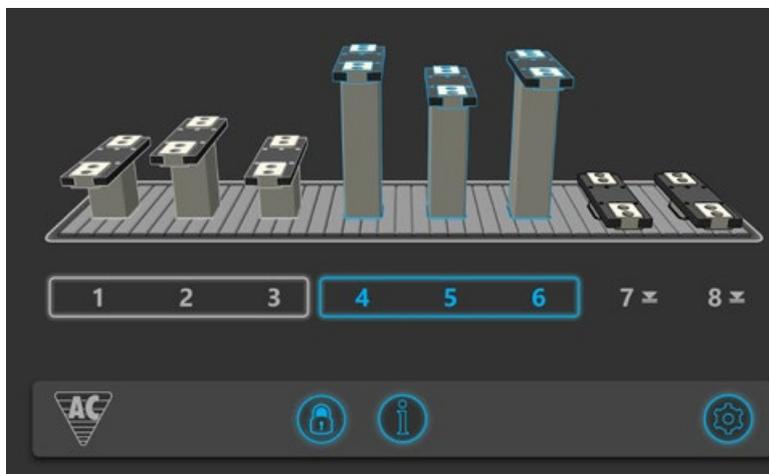
The inground lift is a revolution in the way that users can service vehicles of all types, sizes and shapes.

The flexibility of the design allows lifts with 3 columns or more to be divided in groups and used as independent lifts giving you total freedom to service a continuous flow of different vehicles.

This enables your team of mechanics to work side by side on different tasks with absolute safety and no restrictions.



Dividing the lift into groups is easy and fast



You have a visual of the current state; 2 groups and 2 columns free



PREPARED & READY

The inground lift eliminates the need to guess or worry about the future design of commercial vehicles, you can rest assured that you are already prepared and ready





FUTURE-PROOF WORKSHOP

Thanks to more than 60 years of dedicated expertise and our desire to deliver uncompromising products the inground lift is engineered to meet your specific requirements – today and tomorrow.

Choosing the right size lift is all about considering your present and future lifting needs. What will you need in the future?

The lift can be customized with up to 8 lifting columns with a capacity of 15 ton each.

The lift can be customized with all columns movable or with one fixed column.

The minimum distance between the columns can be as short as 1300 mm. Standard is 2100 mm.



Up to 8 moveable columns
and customized length



“We decided to invest our way out of a capacity problem. Basically, it was a question of future-proofing the workshop. We didn’t have enough space and we also had to turn down projects including low-floor buses where the engine and gearbox is located to the side and you can’t access it from the pit. The inground lift from AC Hydraulic AS was part of the overall new workshop investment.”

- Workshop Manager Jörg Winter,
NEC Niebüll, Germany



Minimum distance between columns as short as 1300 mm





IMPROVED ERGONOMICS

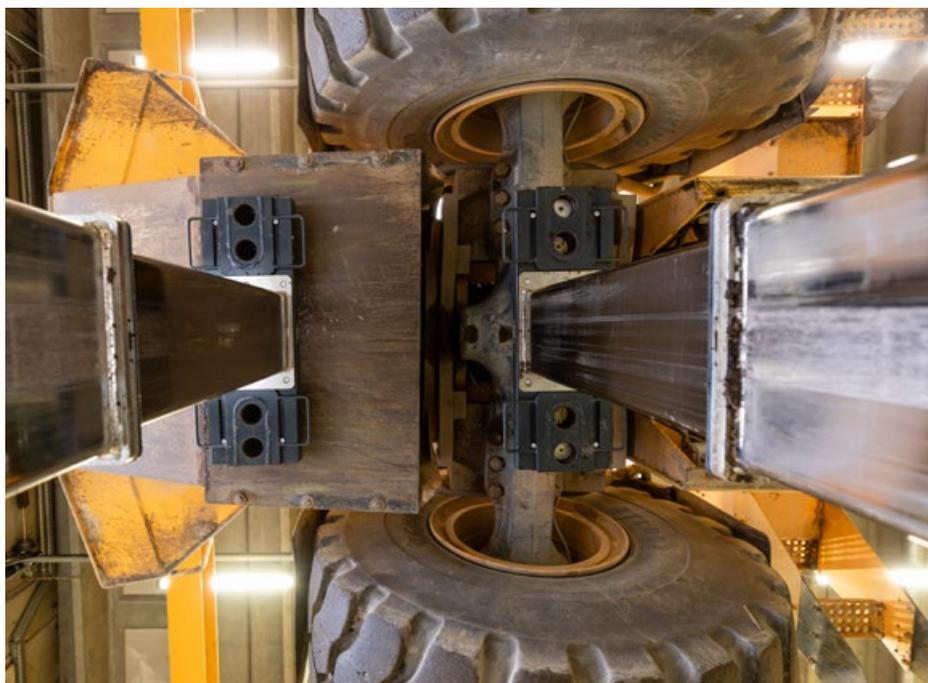
Thanks to its ability to adjust the lifting height to suit any possible job the inground lift allows your mechanics to do repair work in favourable working positions and prevents work-related injuries.

It helps you raise the standard of your working conditions, which will have a positive impact on the health of every single mechanic and the overall efficiency of your workshop.

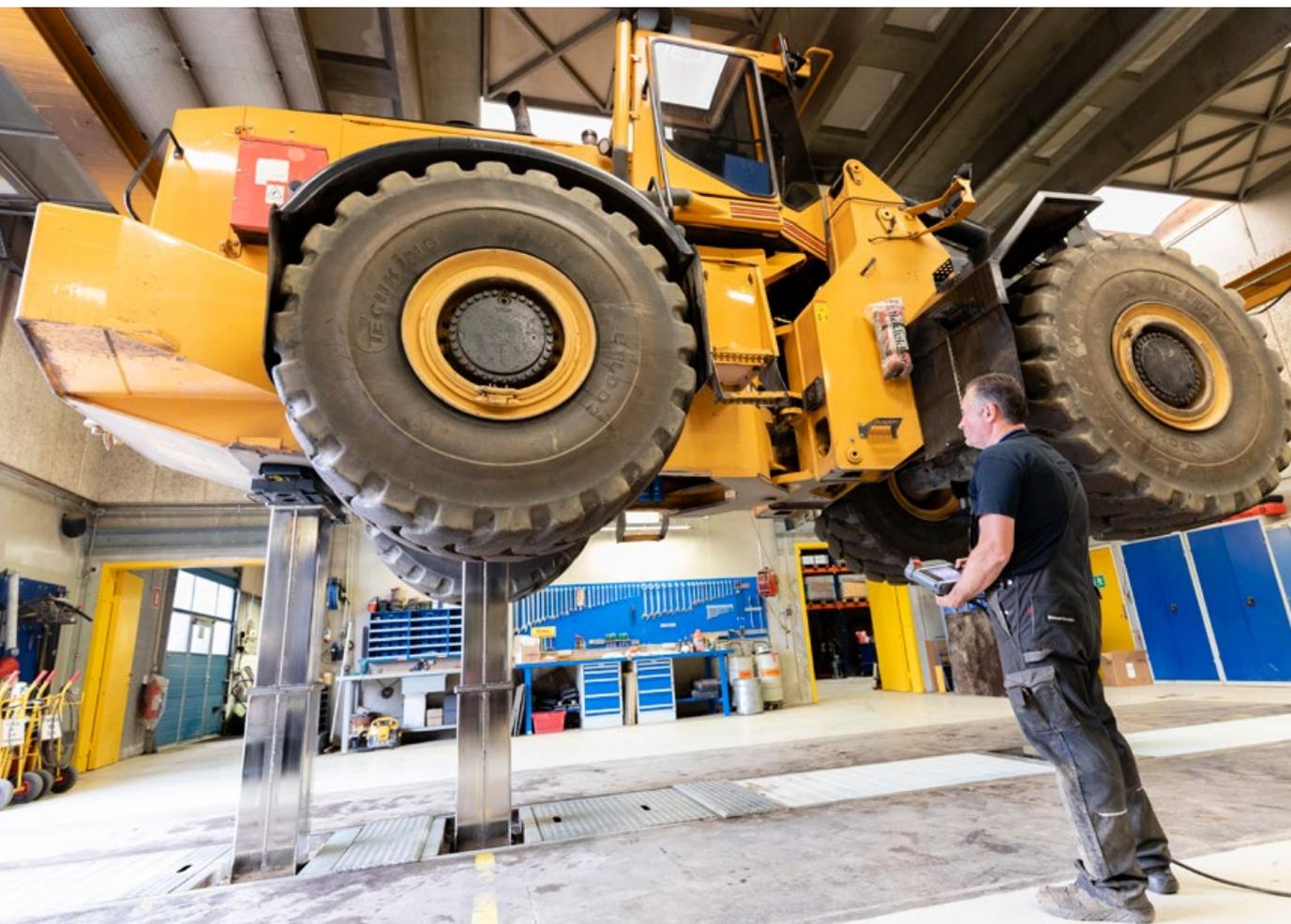


"Efficiency is up and so is the quality of our repair work. The main reason is that the working conditions for our mechanics are much better with the tractor easily positioned at the right working height – regardless of the task."

*- Mechanic Gunner Pedersen,
Parks and Roads Service Department,
Viborg Municipality, Denmark*



Easy inspection helps find errors in time





INCREASE IN EFFICENCY

The inground lift can easily be adjusted to suit any possible job. This not only ensures that mechanics always operate at the best possible working height but also guarantees that they have full access to all parts of the vehicle.

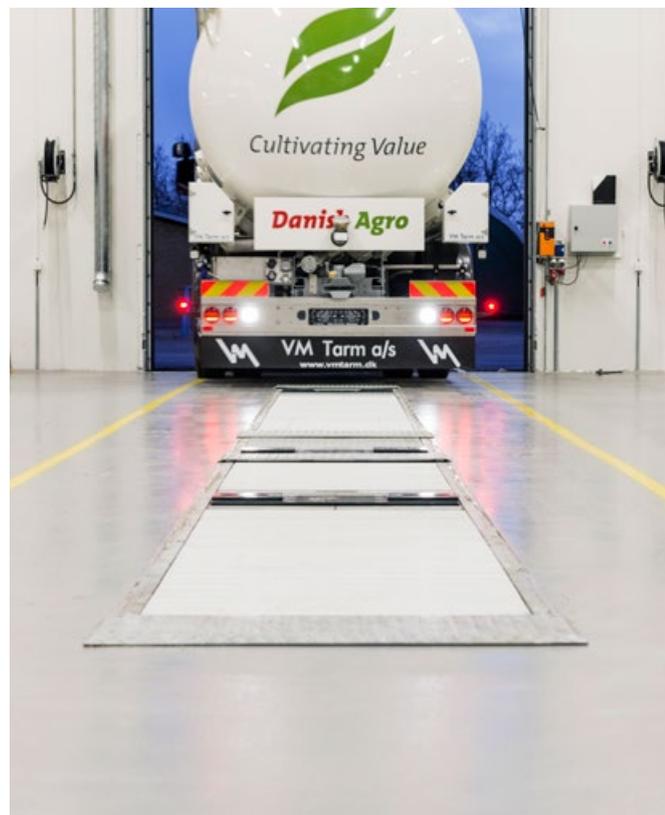
A complete view of the chassis makes it easier to detect otherwise hidden leakage or damage and will lead to a more thorough inspection and improved quality of the repair work.

In addition to the increase in efficiency, you might also experience a decrease in sickness absence because of the improved working environment and better ergonomics.



"We expected an improvement of the working conditions, but we were pleasantly surprised by the impact the lift has had on our efficiency as well. We not only perform faster service, we also find more errors before they become critical, especially on hydraulics."

*- Mechanic Peter Pallesen,
Odense Nord Environmental Center, Denmark*



Level with the workshop floor

Safe environment, no risk of falling into a pit





OPTIMUM USE OF SPACE

To ensure the optimum use of space in your workshop, the lift comes with a robust rolling cover, which provides a level floor. This makes it possible for you to use the area for other tasks as well.

The rolling cover is made from non-slip aluminium, has a 7-tonne capacity, and is always level with the floor over the full length of the pit no matter the position of the crossbeams.

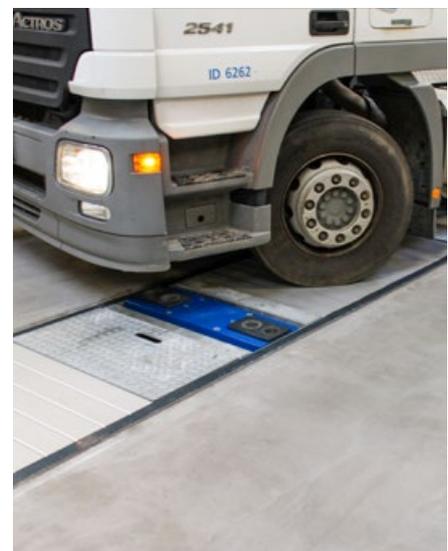
Additionally, the rolling cover automatically follows the column movement and eliminates the need to handle the cover plates manually.

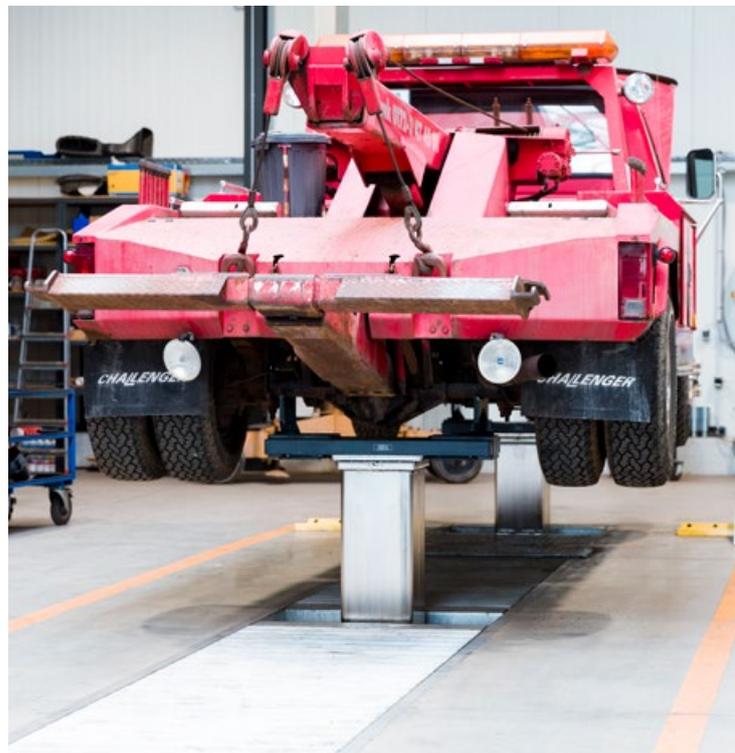
STRONGEST COVER

Robust rolling cover withstands 7 T.

Cross beams and rolling cover are always level with the workshop floor over the full pit length no matter the position of the cross beams.

This makes it possible for you to use the area for other tasks and max out your workshop space utilization.





"It was especially important for us that the lifting cylinders are completely protected in the square lifting columns. This means that we don't have to worry about damaging the cylinders when we weld or use the angle grinder. We haven't seen this kind of added safety in other types of lifts."

*-Workshop Owner Bernd Reichel,
Bernd Reichel Karosseribau, Germany*



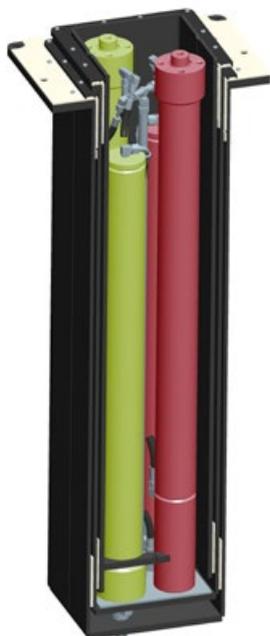
QUALITY AND SAFETY

For six decades, lifting solutions from AC Hydraulic have raised the standard of ergonomic workshop equipment – something that would have been impossible without our uncompromising attention to safety and 100 % commitment to Danish made quality.

To emphasize our confidence in our product safety and quality we are proud to offer you the world's longest warranty.



*Longest and best warranty
in the world*



MAXIMUM STABILITY

Square lifting columns ensure maximum stability

2 independent hydraulic circuits in each lifting column offer optimum safety

The hydraulic circuits are fully protected inside the lifting columns

CE-marked: comply with European Standard EN 1493



STANDARD ACCESSORIES



LSU40
Lifting saddle 40 mm



LSU90
Lifting saddle 90 mm



LSU150
Lifting saddle 150 mm



LSU250
Lifting saddle 250 mm



FU
Extension 100 mm

LIFTING SADDLES AND CROSS BEAMS

Supplied standard with various lifting saddles for the cross beams

This ensures lifting of practically all types of vehicles

OPTIONAL ACCESSORIES



DSU
Differential gear saddle



ASU
Multi adjustable saddle



SU
Low alu saddle



GSU1
Round rubber saddle



WCU
Low adjustable cross beam



GSU2
Rectangular rubber saddle



JSU
Adjustable saddle



SPU
Wastewater pump



WBU
Parkingspot

The accessory trolley carries 36 adapters and/or extensions



TUL
Accessory trolley



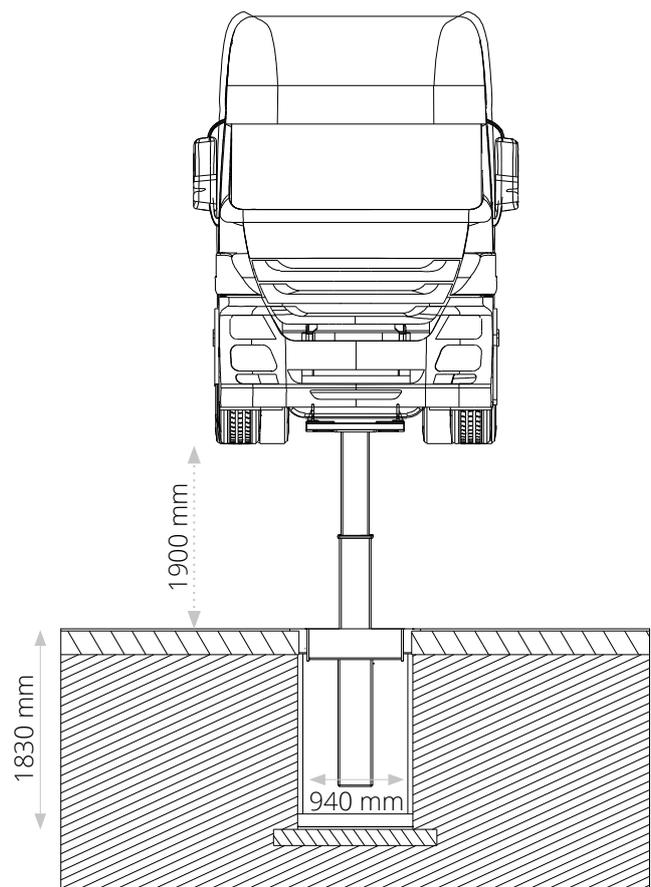
When installing a cassette the concrete base needs to be 150mm thick and 1500mm wide





TECHNICAL DATA

Capacity per column	15 T
Stroke	1900 mm
Number of columns	2-8
Length	Customized
Cassette width	1030 mm
Speed up/down	80 sec
Liter oil per column	25 l





The lift is a 100% Danish product customized to your needs





CUSTOMIZE YOUR LIFT

STANDARD

- ✓ Wireless remote control
- ✓ Control panel with touch screen
- ✓ Robust rolling cover with 7 T capacity
- ✓ Level with workshop floor
- ✓ World's longest warranty
- ✓ Software updates and remote support

CUSTOMIZED

- ? Cassette or frame solution
- ? 2-8 lifting columns (15 T per column)
- ? All movable columns
- ? Optimum column distance (min/max)
- ? Length of lift (400 mm per section)
- ? Accessories



Cassette solution

*Delivered completely assembled,
pre-tested and ready to be plugged in*



Frame solution

*Frame delivered separate,
lifting columns and circuits retrofitted*

YOUR SUPPORT TEAM



LARS STORGAARD
EXPORT MANAGER, INGROUND LIFT

E-Mail: ls@ac-hydraulic.dk
Phone: +45 3094 2431



MICHAEL L. CLAUSEN
PRODUCTION MANAGER

E-Mail: mlc@ac-hydraulic.dk
Phone: +45 8727 6245



BENNY F. HANSEN
ELECTRICAL ENGINEER

E-Mail: bfh@ac-hydraulic.dk
Phone: +45 2775 8090



MORTEN V. JENSEN
SERVICE ENGINEER

E-Mail: mj@ac-hydraulic.dk
Phone: +45 2688 5401



THE WORLD'S LONGEST WARRANTY
Just as our products offer high performance and quality, so does our warranty. All our products are covered by a 10 year warranty on frame, chassis, and steel structures as well as a 3 year warranty on the hydraulic system (pump & cylinder).

AC Hydraulic A/S
Fanøvej 6 • DK-8800 Viborg • Tel. +45 8662 2166 • Fax +45 8662 2988
E-mail: sales@ac-hydraulic.dk • www.ac-hydraulic.com

LEARN MORE:
WWW.AC-HYDRAULIC.COM/INGROUND-LIFT



AC Hydraulic ^{A/S}
NO COMPROMISE