

Hiab Multilift XP Classic

Invest in quality and reliability



Product brochure



Our mission: Your business

Our mission is to create a hooklift that lets you do more in less time, and with greater safety. It is as simple as that. Hiab Multilift XP Classic is a top-of-the-line range of hooklifts that provide a low lifetime cost, efficient operation and the highest possible safety.

The XP family consist of hooklifts with 14 to 30 tonne lifting capacity, suited for everything from the heaviest possible loads that require maximum power and four-axle trucks, to lighter loads that can be carried out by two-axle trucks.

The family includes S, T and Z-models, each with their own special abilities and functions. But common to all models are the well-known Hiab Multilift's steel structures and technology combined with easy-to-use pneumatic controls.

Welcome to XP Classic – designed to make your business more efficient.

Hiab Multilift XP Classic

Capacity 14–30 t

Do more in less time with greater safety

Safety has always been Hiab Multilift's number-one priority. Safe products protect both the operator and bystanders and make your business more efficient. Comfort is equally important to productivity and safety. And then there is speed. Investing in an XP Classic hooklift gives you all these advantages, and more.



Automatic subframe locking

Automatic subframe locking holds the rear frame down during loading and unloading, making the hookarm movement precise. Automatic subframe locking prevents the cylinders from damage, even in the case of only slight misuse.

Low operating height

Low operating height during unloading and loading enables operation in low spaces. The geometry enables easy gripping of the container hook bar and long horizontal movement enables use of different lengths of bodies. The Z-model hooklifts offer both low operating height as well as exceptionally low loading angle when needed, thanks to both a sliding and tilting movement.

Well-proven design

The casting of critical structures in steel makes the system more rigid, increases lifetime and enables weight savings as well as improving strength by reducing welding in critical areas. The design of the wear-resistant Nylatron™ slide pads makes them easy to adjust and replace when worn out.

Smooth operations

Floating main cylinders minimise the stress on the truck chassis and hooklift steel structure. Soft lowering when coming on to the chassis reduces both noise and wear.

Precise movements

Proportional main cylinder movements enable easy and very precise movements during body changes and tipping operations. A stabiliser roller or bogie blocking cylinders stabilise the truck when loading and unloading.

Wide pick-up angle

The shape of the rear rollers is very important for safe and efficient body changes. Thanks to extensive trials and industry experience, the Hiab Multilift rear rollers have been optimised in this respect. Picking up the container from a wider angle enables more flexibility where space is limited.



Safety interlocks

Safety interlocks guarantee safe hooklift operations and make it impossible to open body locks when tipping or to use sliding movement when body locks are closed.

Smart installation

Bolt-on mounting removes the need for welding, provides for faster installation and means that a protective topcoat can be applied at the factory. The body supports are also bolted on, which makes retrofitting and replacement easy.

Fast and efficient

Small cylinder diameter makes the XP fast and minimises turnaround time. Proportional speed control makes loading, tipping and unloading efficient and safe.

Great protection

A high-quality paint finish protects against corrosion and wear. The factory painting process is environmentally sustainable, sharply reducing the need for harmful solvents.

Taking care of safety

Hydraulic body locking is a standard feature that secures the load during tipping and transport. European CE-marking is an option that makes the XP Classic range even safer thanks to an audible warning system. A pneumatic safety latch on the gripping hook is available as an option to further enhance the safety of operations.

Built on experience

The new XP Classic range of hooklifts with 14 to 30 tonne lifting capacity are built on the reliable steel structures and safety features that are synonymous with Hiab Multilift. The development of the XP range draws on a vast amount of expertise and experience that Hiab Multilift has gathered in over 60 years of providing innovative load-handling solutions, always in close cooperation with users. What makes the XP Classic range special is a combination of exclusive and reliable solutions that provide effective mounting, usage and service.

Optimised balance

The advanced steel structure design has always been a characteristic of Hiab Multilift, and the XP Classic range makes no exception to the rule. The design was developed with the help of 3D modelling, FEM (Finite Element Method) analysis and fatigue trials in factory, as well as extensive field tests together with our customers. FEM analysis is a way of using advanced mathematical computer models to stress-test the design and materials prior to production.

The XP Classic range has an optimised balance between weight and strength. High-tensile steel throughout the whole hooklift structure gives an excellent strength to weight ratio and allows for high net payloads. Casting of critical structures in steel makes highly stressed areas stronger, more rigid and reduces the risk of material fatigue by reducing welding in critical areas.

Thanks to the low mounting height of the XP Classic you get greater stability, driving comfort and, of course, increased load volume and load height.

At the end of the day, Hiab Multilift structures give you more uptime and a long lifetime.

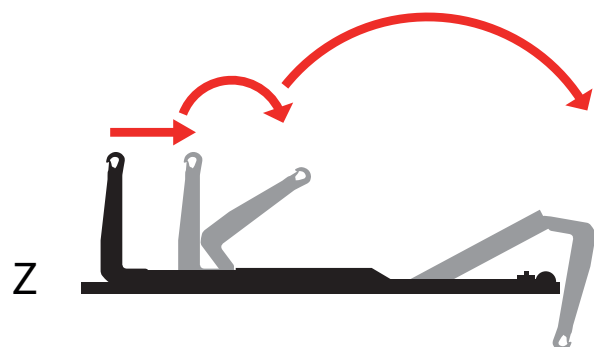
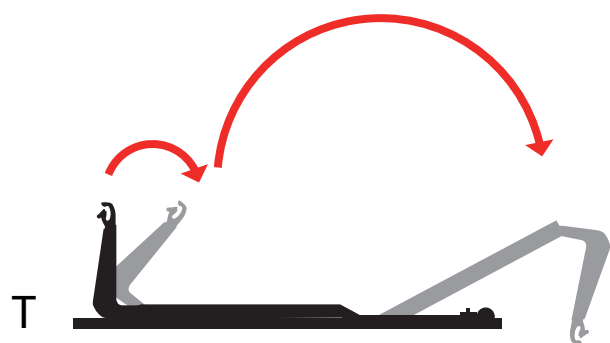
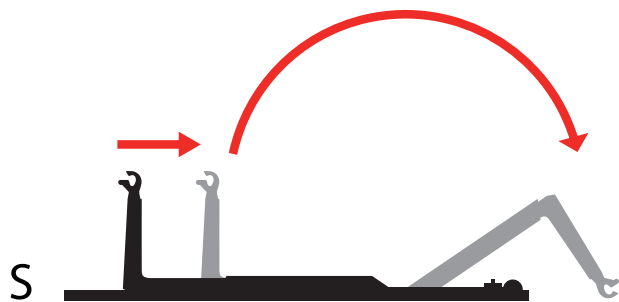


For years to come

The long lifetime of Multilift products is guaranteed, among other things, by the design of the hooklift steel structures. Critical parts of the steel structure, such as gripping hooks, hook corners on S-models, main cylinder brackets and other main pivot points, are made from steel castings.







Flexible

The XP Classic range comes in three different models: S, T and Z. The different variants each provide special abilities and strengths such as gripping height, operational height and the number of wearing parts.

The range consists of the following hooklifts

S from 14 to 30 tonnes:

XP14S
XP18S
XP22S
XP26S
XP30S

T from 14 to 26 tonnes:

XP14T
XP18T
XP22T
XP26T

Z from 22 to 26 tonnes:

XP22Z
XP26Z

Speed and safety

The design of the rear rollers on the XP Classic range is optimised to guide a container on to the truck or on to a trailer as smoothly and safely as possible. Picking up the container is efficient and safe even when the container and truck are unaligned.

The Hiab Multilift XP Classic S-models are equipped with a sliding hookarm that ensures the best possible operational geometry. The low lifting angle during body changes and low operational radius enable the range to perform a wide variety of tasks.

T-models provide hooklifts with a tilting horizontal movement. The design minimises the number of wearing parts and increases power when moving the hookarm under the load.

Z-models have both a sliding and tilting movement, which combines low gripping height, very low operating height and enables an even more versatile use of different body lengths.

The optimised tipping angle that allows for easy material discharge, is common to all XP Classic models.

Gripping hook design is vital to ensure fast and safe handling of cargo, and Multilift gripping hooks are optimised for catching and releasing containers. The rounded inner shape of the cast gripping hook minimises the wear on the container-gripping bar. As an option, the XP Classic range can be fitted with a hook combined with a pneumatic safety latch. The hook secures the load during operation and transport. The operational speed is high thanks to a small main cylinder diameter, making tipping and body change fast and efficient. Speed requires safety. Built-in safety features ensure the operational safety. The hydraulic body locks secure the container to the hooklift and make sure that it is always safe to tip and to drive on roads. European CE-marking is an option and comes with a warning system. When the hooklift moves, the system alerts bystanders with a buzzer signal.



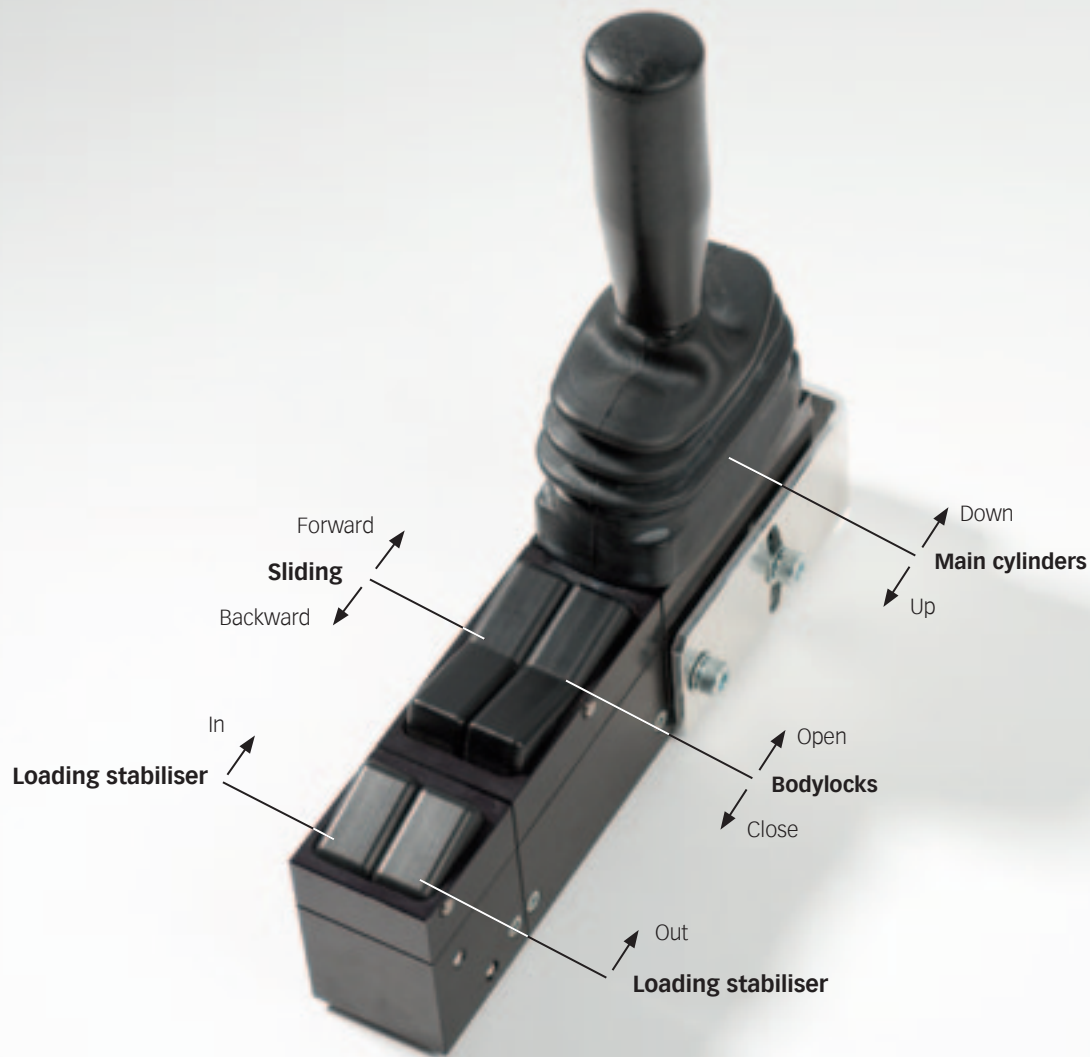
Efficient mounting

Hiab Multilift introduced bolt-on mounting to the market in 2006 in Europe and this dramatically reduced welding work during mounting. Installation time is faster and for the end-user that means shorter delivery time. Bolt-on mounting also makes it possible to provide a high-quality factory paint finish as standard. Factory final paint both looks good and protects your equipment significantly against corrosion and wear.



On the right path

The shape of the rear rollers is critical for speedy and safe operation. Hiab Multilift rear rollers keep the load on the right track and make quick body changes possible, even in tricky situations where the container and truck are unaligned.



Cab control system

Total control

The well-tested pneumatic cab control system is a further development of the system found in the LHD range. It is service-friendly, with proven endurance in challenging conditions, and has a simple control structure. Thanks to proportional movements the user can control the load precisely with the accuracy and speed needed in a variety of operations. The design of the cab control has been updated to take a minimal amount of space in the cab and at the same time provide the best possible ergonomics for the user. The slim shape of the cab control system even allows it to be installed between the door and the driver's seat.

Variants

The layout of the pneumatic cab control depends on the options chosen.



Great looks that last

The factory topcoat gives great protection against wear and corrosion and is also the best way to guarantee an environmentally friendly painting process. The painting process is done in the component phase, which allows the paint to reach otherwise hidden surfaces. All parts of the XP Classic range that are not painted, including nuts and bolts, have been surface-treated to ensure protection for the entire life of the hooklift. All the waste is taken care of at our plant in an environmentally sustainable way, so you get good looks and can carry on working with a clear conscience.

Variety of options

Factory-fitted options make mounting easy and fast, as well as ensuring the best possible integration with hooklift operations. Stability during loading and unloading can be ensured with factory-fitted controls and piping for the loading stabiliser. A stabiliser roller or bogie-blocking cylinders can be fitted at the time of installation and combined with pre-installed hydraulics and controls. The hooklift can be equipped in the same way with factory-fitted controls, hydraulic valve and piping for the rear tailgate. Factory fitting makes the installation process faster and increases ease of use for the driver, since all functions can be operated via the cab control unit.

Floating cylinders for longevity

Last but not least, the XP Classic range is equipped with soft lowering when coming on to the chassis and floating main cylinders. This feature maintains the truck's natural flexibility during transport and extends the life of the truck chassis and the hooklift steel structure. Thanks to soft lowering, a soft thud is all you will hear when changing body.

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