

# Hiab Multilift

## XR Power range hooklifts





# Designed to keep the wheels rolling

The new Hiab Multilift XR Power range hooklifts for 19 – 41 ton GVW trucks offer a myriad of revolutionary features. The new features, which have been designed and tested in close cooperation with the users, facilitate the daily tasks of a load handling professional.

What gives the Hiab Multilift XR Power range hooklifts true versatility and makes them experts on all demountable load handling operations is the state-of-the-art PLC-operated (Programmable Logic Controls) control system, which controls the hooklift's functions. Thanks to PLC it is possible to add a number of new, unique functions to the hooklift to ease the daily load handling tasks. The extremely reliable control system provides a one of a kind simplicity in demountable body handling through the combination of automatic and manual control, as well as comfortable and fast operation. All new options are easily accessible from one cab-mounted control unit. The PLC system allows you to benefit from minimum downtime, fast operations and maximum safety regardless of the load. Its built-in intelligence leads to improved performance and profitability, and provides the operator with tools for life cycle and maintenance analyses. And it looks smart in the cab, too: the modern and ergonomic control box was specially designed and developed for the Hiab Multilift XR range of hooklifts.



# Get hooked on lifting!

## Freedom of choice

No matter if you are driving bulky materials, high-volume waste, gravel or metal scrap you can always choose the right combination of options. All options can be chosen independently, regardless of other choices. Consider this as a personal freedom to decide which new features suit the best for your load handling purposes. Even with the basic equipment you can still enjoy all the familiar Hiab Multilift characteristics, such as 2-speed controls, automatic soft lowering of the container onto chassis and flotation of the main cylinders - not to mention high reliability thanks to strong and well-proven construction.

## Options



### Automatic sequence control

Operating a hooklift couldn't get easier! With the new Automatic sequence control loading or unloading the container takes place through just one control movement. Yet again, you have the possibility to switch between automatic/manual control in situations when individual movements are needed.

### Fast speed and Fast tipping

Shift into a new gear in load handling operations. The improved Fast speed in unloading empty containers splits the time used for container change. With this additional speed you give a boost to your performance and maintain the control over the load while lowering the container. Fast speed in unloading empty containers is especially helpful when there are many container changes during the day. On the back of the Fast speed option is Fast tipping, this option allows the hooklift to tip the load in a third of the normal time, helping to reduce the cycle time for one of the most common operations of a hooklift system.





### **Friction relief**

No more grating noise when the container is sliding into the transport position. With the help of Friction relief the front of the body is slightly lifted during horizontal movement. This reduces friction between loaded container and hooklift's subframe guaranteeing a quieter and smoother operation.



### **Factory fitted accessories**

Factory fitted accessories include for example control and hydraulics for bogie blocking cylinders or stabiliser roller, control and hydraulics for hydraulic rear underrun bar, trailer hydraulics, tool console and premounted oil tank.





# Get the best performance

## Operator comfort

Give your mind a rest with the new XR power range hooklift. The key features include maximised driver comfort and safety in all operations. Smooth and precise controls guarantee troublefree body handling. A low installation height and a low centre of gravity provide outstanding stability in loading, unloading and tipping the body.

The optional Friction relief offers you even smoother and more silent operation with a loaded container. Softening of rapid movement changes thanks to the new PLC operated control system is included in standard equipment. The lifelong reliability, low costs of ownership and high resale value make Hiab Multilift XR hooklift a smart investment.



Hiab Multilift XR Power range hooklifts are available with three different operating principles.

The **XR S hooklift** features a sliding mechanism that offers a low operating radius during the loading / unloading cycle. The lifting capacities for the XR S models range from 14 to 30 tonnes.

The **XR T hooklift** with tilting horizontal movement has a smartly designed turning pivot point on the hookarm which minimises wearing parts and increases power when moving the hookarm under load. XR T hooklift models are available with lifting capacities ranging from 14 to 26 tonnes.

The **XR Z hooklift** combines the advantages of these two models and offers a hookarm that is both sliding and tilting. The lifting capacities for the XR Z models are either 21 or 26 tonnes.



## Even more flexibility with Z-series hooklifts

The new Hiab Multilift XR21Z and XR26Z hooklifts, topped with industry-leading control functions, are designed to maximise the truck's versatility through the hooklifts' ability to handle demountable bodies of various lengths. The XR Z series hooklifts have an extremely low lifting angle during body change, when both sliding and tilting functions are being used, which makes it an ideal solution for low headroom applications.

The XR21Z and 26Z hooklifts bring extra comfort on drawbar trailer operations since transferring the body onto a drawbar trailer or a wagon goes smoothly and effortlessly, almost without lifting the body. A very low operational radius and an optimised tipping angle enable the use of the system for a wide variation of transport tasks. With the help of XR Z, it couldn't be easier to swap the body and go!







### **Building and construction**

Only the strongest and most reliable equipment can cope with the tough working conditions of the building and construction industry. With a set of new options the XR Power range hooklifts can take care of a variety of different tasks on building sites. For instance if you are using your truck as a dumper for transporting soil or gravel, you can benefit from Fast speed with Fast tipping, which cuts the time used for tipping and lowering the tip by one third compared to normal speed. XR hooklift is a smart solution for cost-effective load handling operations on construction sites.







# Choose the right options for your load handling tasks

## **Waste and recycling**

Transportation of recyclable materials to reuse as well as waste transportation to a landfill or an incineration plant can cost-effectively be taken care of by a XR Power hooklift system. Typically, there are many body changes in the daily routines of the waste and recycling professionals. Profitability in business can be increased by choosing Fast speed, which gives more speed to body change and automatic control, which facilitates the loading and unloading tasks. Friction relief is best suited for urban areas and grants a silent operation during body change. Make your daily tasks easier and more effective with a Hiab Multilift hooklift system.



## **Fire and rescue services**

Hiab Multilift XR Power range hooklifts have proven to be economical and flexible solutions for fire and rescue logistics. One basic vehicle can handle multiple tasks while the body can be changed depending on the situation and needs. One truck can replace several specialised trucks, when the investment will be made instead on a hooklift system and different demountable bodies and containers. Even less-experienced drivers can now easily operate the hooklift thanks to the possibility to switch to automatic control. Flexibility is guaranteed - with lower investments and running costs.



**XR 16S**





# Technical details

## Construction

- High-strength steel
- Extensive use of steel castings to strengthen and simplify the construction
- Automatic tipping and subframe lockings
- Low construction for the new hydraulic body locking, easily interchangeable from inside to outside or vice versa
- 3D design
- Numerous field and fatigue tests to prove the durability and functionality of the steel construction

## Controls

- PLC (Programmable Logic Control) -operated control system
- Simple control system structure
- Outstanding reliability
- High endurance against challenging environmental conditions
- 2-speed manual control as standard, automatic sequence control as an option
- Built-in diagnostics to easily locate defective components caused by mechanical damage

## Installation

- High quality top coat painting at factory as standard
- Bolt-on mounting principle for installing on truck and installing truck accessories
- Modern and convenient CAN-bus installation for control system

## More payload to transport

There are situations where extra capacity comes in handy:

- when the container is on a lower level than the truck, which leads to a disadvantageous lifting angle for the main cylinders
- when lifting up heavy machinery which are placed in the front of the container
- when the container needs to be pushed onto a drawbar trailer with more payload reserve

By offering extra capacity we guarantee that containers which are poorly loaded can be picked up.

**Several options and features have patents pending.**

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**Cargotec Finland Oy**  
Nesteentie 36, P.O.Box 39  
FI-21201 Raisio, Finland  
tel. +358 204 55 2399  
fax +358 204 55 2231  
[www.hiab.com](http://www.hiab.com)