

# Hiab Multilift XR18S – Pro Future™ Outstanding Operating Efficiency



# Efficient operations – Saving money and the environment

Optimal for a 3-axle truck, the Hiab Multilift XR18S - Pro Future™ hooklift is several hundred kilograms lighter than comparable products. This means increased payload opportunities on every trip. A package of features that provide faster operations mean shorter standstills and more trips per day. When this goes hand-in-hand with reduced fuel consumption and lower carbon dioxide emissions it is clear that the Hiab Multilift XR18S – Pro Future™ sets new standards in operating efficiency.

When low cost of operation is key. With its thoroughly tried-and-tested cast-steel design, the XR18S – Pro Future™ offers excellent capacity-to-weight ratio. The all-new Fast Lowering function combined with Fast Speed, Fast Tipping, Friction Relief and Automatic Sequence Control makes loading, unloading, tipping and

lowering faster, smoother, more silent and fuel efficient than ever. Added to this the renowned Hiab Multilift XR trademark characteristics of flexibility, easy installation, lifelong reliability and high resale value mean that the XR18S – Pro Future™ will provide earnings for many years to come.

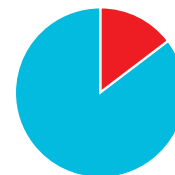
## PRO FUTURE

Pro Future™ is Cargotec's own marking for products and solutions with less environmental impact. These products and solutions have passed certain industry-leading criteria regarding energy efficiency, the power source, emissions, noise pollution and recyclability. By investing in equipment with the Pro Future™ seal, you gain the ability to develop operations with improved sustainability while at the same time reducing your cost of operation considerably.

### The Hiab Multilift XR18S with:

- Fast Lowering
- Fast Speed
- Fast Tipping
- Friction Relief
- Automatic Sequence Control
- used on 3-axle trucks, typically with 26 tonnes GWW

has the Pro Future™ seal.



### CO<sub>2</sub> emissions for an average hooklift life-cycle

- Manufacturing (including shipping).
- In operation.

Compared to a hooklift without these features our calculations show that by using the Hiab Multilift XR18S – Pro Future™ on a 3-axle truck, emissions and fuel consumption during operation is cut by approximately 30% for an average operator. This means that if using the hooklift 10 times per day and driving 100,000 km per year, during eight years 10,000 Euro could be saved.



HIAB

# Faster, easier and more energy efficient operation

Optimising fuel economy, ease-of-use and speed. The new Fast Lowering function combined with Fast Tipping, Fast Speed, Automatic Sequence control and Friction Relief are excellent tools for increased efficiency in load handling operations.

## Fast Lowering

The revolutionary Fast Lowering function allows the hooklift to be lowered down from tipping almost without using the hydraulic pump. This means that less fuel is used and carbon dioxide emissions are correspondingly lower. With this function, lowering can be performed in a third of the normal time, with full control throughout the operation.

Fast Lowering is also part of a regenerative system that requires no increase in engine RPM by the driver, thus saving fuel, lowering emissions and noise.

## Fast Tipping

With the Fast Tipping function, load tipping can be performed in a third of the normal time. Cylinder speed automatically returns to normal before end of stroke to protect the hooklift from damage or misuse. Fast Tipping is also part of a regenerative system that requires no increase in engine RPM by the driver, thus saving fuel, lowering emissions and noise.

## Fast Speed

The Fast Speed function allows empty bodies to be unloaded in a third of the normal time while maintaining precise control. Controlled, fast unloading is secured by an integrated by-pass and load holding valve which optimises oil flow when the main cylinders extend. Fast Speed is also part of a regenerative system that requires no increase in engine RPM by the driver, thus saving fuel, lowering emissions and noise.

## Automatic Sequence Control

Shift into a new gear in load handling operations! Activated by a single lever movement, Automatic Sequence Control makes loading and unloading of the body and tipping quick and simple. When needed, manual control is still available as well.

## Friction Relief

No more grating noise when loading and unloading containers. Friction Relief automatically lifts the middle frame and the front of the body slightly during horizontal movement. This eliminates vibration and noise caused by friction between the body and the subframe.



## The Fast Lowering and Fast Tipping function

Fast Lowering and Fast Tipping can perform these operations in a third of the normal time, saving fuel, lowering emissions and noise.





#### **Automatic Sequence Control and Friction Relief**

Automatic Sequence Control and Friction Relief makes loading, unloading and tipping silent, easy and quick.



#### **Fast Speed function**

With Fast Speed empty containers can be unloaded in a third of the normal time, saving fuel, lowering emissions and noise.



## Fast and easy into making sustainable profit

The hooklift truck can only provide profits when in operation. Minimising production and installation lead time and operational downtime is crucial. For all XR models body-building is simplified and speeded up by the bolt-on concept. The cabin control unit is neatly installed, using one small Can-Bus cable.

Hiab Multilift XR models are top coat painted in customer colours at the factory to further secure quality, low VOC

emissions and reduce installation time. As a whole, Hiab offers an extensive range of factory-produced options to cater for individual customer needs. This results in reliable components, quick installation and better parts availability. Besides short lead time, within production Cargotec continuously strives for improved sustainability and high recyclability – with minimised use of scarce material.



### Fast installation

The hooklift is quickly and reliably bolted on the frame.



### Securing quality and uptime

The hooklift is top coat painted in customer colours at the factory which secures quality, controls and lowers VOC emissions and reduces installation time.



## The more in use, the bigger the savings

With its low weight, fast operations and low fuel consumption, The Hiab Multilift XR18S – Pro Future™ hooklift will provide increased efficiency. Whether you drive short distances with many stops and body changes every day - for example handling household

waste or recycling materials in urban areas – or drive long distances – for example delivering construction materials or old tires – Hiab Multilift XR18S – Pro Future™ will lower emissions and substantially improve your operating economy.



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