

# Hiab Multilift Big Hooklifts LHS & LHT range





# Unbeatable power and versatility

## **Handling of heavy loads made easy**

Hiab Multilift LHS & LHT hooklifts are designed for rough and heavy usage. Modern high-quality production technology combined with state-of-the-art design tools guarantees high class quality. This ensures that the hooklifts can cope with heavy loads day after day, maintaining productivity and operation.

Easy to use controls, smooth and accurate movements combined with extreme power take LHS and LHT hooklifts beyond comparison when it comes to productivity and effectiveness. Soft lowering when coming onto chassis and floating of main cylinders further increase the comfort of operations.

Systems with lifting capacity from 14,000 kg up to 25,000 kg can be fitted to almost any vehicle catering for different body lengths. There will always be a suitable system.

## **Optimised geometry regardless of type**

Hiab Multilift LHS hooklifts are equipped with a sliding hookarm. This combined with optimised proportion of other lifting frames ensure the best operational geometry.

A lower lifting angle during body change, low operational radius and optimised tipping angle enable the use of systems for a wide variation of transport tasks.

LHT hooklifts incorporate a tilting hookarm combined with similar characteristics and advantages as LHS.

Transferring the body onto a drawbar trailer happens also with ease.



# Safety and quality always in focus

Safety is always in focus when using Hiab Multilift hooklifts. Load holding valves mounted directly on the cylinders and safety circuits in control system virtually eliminate incorrect use of the system. Hydraulic tipping and body locks are standard in most countries.

## **Latest technology and materials**

The latest technology and materials are used in the design and manufacturing of our hooklifts. 3D-design programs, stress analysis methods, extensive field trials and high quality components ensure long lifetime and reliability of the products.

Steel castings are used in areas where the stresses in construction are at critical level. High strength and even quality of welds are guaranteed by the use of welding robots. All this safeguards the reliable

use of the system and make Hiab Multilift hooklifts a safe and sound investment.

## **Wide range of accessories**

Hiab Multilift LHS and LHT hooklifts offer the widest range of accessories, which makes it possible to tailor the system to meet the demands and needs of individual users of the hooklifts.

A wide range of accessories include, for example a hook with a pneumatical safety latch, which keeps the hook bar always in the

hook. Fast speed gives additional comfort to body change and boosts the already fast operations.

With the help of additional hydraulic options various hydraulic functions can be added to the system, e.g. bogie blocking, trailer hydraulics and many others.



## Application examples

### **Waste and recycling**

Hiab Multilift LHS and LHT systems can handle both light but big volume waste and heavy materials with ease. Waste transportation to a landfill or an incineration plant as well as transportation of recyclable materials to re-use happens efficiently and reliably with a hooklift system.

Trailer for demountable body/bodies can easily be combined with LHS and LHT hooklifts to enhance the effectiveness and flexibility of your transport needs, even on longer transport distances.

### **Fire and rescue services**

Hiab Multilift LHS and LHT systems have proven to offer 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, here the investment will be made instead on a hooklift system and different demountable bodies and containers. Flexibility is guaranteed - with lower investments and running costs.

### **Building and construction**

LHS and LHT hooklifts are at their best under heavy work. Therefore more and more Hiab Multilift systems can be seen also on building and construction sites. Heavy loads move easily from one place to another and bodies can be switched to trailer smoothly and effortlessly.

Tipping of goods happens fast and body change with fast speed saves time. Beyond soil, also machinery and demountable huts and offices move easily from one site to another with a hooklift system.



# Advantages at a glance

- Low mounting height
- Easy to use
- Excellent safety features
- Unique control accuracy
- Fast tipping and body change
- Low operational costs
- Optimised construction - high net payload
- Automatic tipping and subframe lockings
- High resale value

## Hiab Multilift LHS range Basic Data

TYPE	LHS 190			
LIFTING CAPACITY (t)	14			
GVW OF THE VEHICLE (t)	19			
BODY LENGTH (internal) (m)	3.4 - 5.1	3.9 - 5.6	4.2 - 6.1	4.7 - 6.6
G-MEASUREMENT (mm)	4100	4600	5100	5600
SYSTEM WEIGHT (kg)	1750	1800	1850	1900
HOOK HEIGHT (mm)	1450 / 1570			
MOUNTING HEIGHT (mm)	210			
MAX. OPERATING PRESSURE (MPa)	30			
RECOMMENDED OIL FLOW (l/min)	60			

TYPE	LHS 250				
LIFTING CAPACITY (t)	17				
GVW OF THE VEHICLE (t)	26				
BODY LENGTH (internal) (m)	3.9 - 5.6	4.2 - 6.1	4.4 - 6.3	4.7 - 6.6	4.8 - 6.9
G-MEASUREMENT (mm)	4600	5100	5300	5600	5900
SYSTEM WEIGHT (kg)	1950	2000	2050	2100	2150
HOOK HEIGHT (mm)	1450 / 1570				
MOUNTING HEIGHT (mm)	210				
MAX. OPERATING PRESSURE (MPa)	30				
RECOMMENDED OIL FLOW (l/min)	80				

TYPE	LHS 260					
LIFTING CAPACITY (t)	20					
GVW OF THE VEHICLE (t)	26					
BODY LENGTH (internal) (m)	3.9 - 5.6	4.2 - 6.1	4.4 - 6.3	4.7 - 6.6	4.6 - 6.9	4.8 - 7.1
G-MEASUREMENT (mm)	4600	5100	5300	5600	5900	6100
SYSTEM WEIGHT (kg)	2540	2580	2600	2620	2640	2660
HOOK HEIGHT (mm)	1450 / 1570					
MOUNTING HEIGHT (mm)	250					
MAX. OPERATING PRESSURE (MPa)	30					
RECOMMENDED OIL FLOW (l/min)	100					

TYPE	LHS 320						
LIFTING CAPACITY (t)	25						
GVW OF THE VEHICLE (t)	32						
BODY LENGTH (internal) (m)	4.2 - 6.1	4.4 - 6.3	4.7 - 6.6	4.6 - 6.9	4.8 - 7.1	5.8 - 8.0	6.6 - 8.8
G-MEASUREMENT (mm)	5100	5300	5600	5900	6100	7000	7800
SYSTEM WEIGHT (kg)	2950	2980	3000	3050	3100	3300	3600
HOOK HEIGHT (mm)	1450 / 1570						
MOUNTING HEIGHT (mm)	270						
MAX. OPERATING PRESSURE (MPa)	30						
RECOMMENDED OIL FLOW (l/min)	120						

# Technics at a glance

## Steel construction

- Even quality with welding robots
- Steel castings used in critical areas
  - Long lifetime, light, strong

## Hydraulics (patented)

- Ingenious control system
  - 2-speed controls
  - Unique control accuracy
- Floating of main cylinders
  - Soft lowering of the body onto chassis
  - Better driving comfort
- Wrong movements virtually eliminated – Safety

# Hiab Multilift LHT range Basic Data

TYPE	LHT 190				
LIFTING CAPACITY (t)	14				
GVW OF THE VEHICLE (t)	19				
BODY LENGTH (internal) (m)	3.4 - 5.1	3.6 - 5.3	3.8 - 5.6	4.3 - 6.1	4.8 - 6.6
G-MEASUREMENT (mm)	4100	4300	4600	5100	5600
SYSTEM WEIGHT (kg)	1650	1670	1700	1750	1800
HOOK HEIGHT (mm)	1450 / 1570				
MOUNTING HEIGHT (mm)	210				
MAX. OPERATING PRESSURE (MPa)	30				
RECOMMENDED OIL FLOW (l/min)	60				

TYPE	LHT 250				
LIFTING CAPACITY (t)	17				
GVW OF THE VEHICLE (t)	26				
BODY LENGTH (internal) (m)	3.8 - 5.6	4.3 - 6.1	4.5 - 6.3	4.8 - 6.6	5.1 - 6.9
G-MEASUREMENT (mm)	4600	5100	5300	5600	5900
SYSTEM WEIGHT (kg)	1850	1900	1930	2000	2050
HOOK HEIGHT (mm)	1450 / 1570				
MOUNTING HEIGHT (mm)	210				
MAX. OPERATING PRESSURE (MPa)	30				
RECOMMENDED OIL FLOW (l/min)	80				

TYPE	LHT 260					
LIFTING CAPACITY (t)	20					
GVW OF THE VEHICLE (t)	26					
BODY LENGTH (internal) (m)	3.8 - 5.6	4.3 - 6.1	4.5 - 6.3	4.8 - 6.6	5.2 - 6.9	5.3 - 7.1
G-MEASUREMENT (mm)	4600	5100	5300	5600	5900	6100
SYSTEM WEIGHT (kg)	2420	2460	2480	2500	2520	2540
HOOK HEIGHT (mm)	1450 / 1570					
MOUNTING HEIGHT (mm)	250					
MAX. OPERATING PRESSURE (MPa)	30					
RECOMMENDED OIL FLOW (l/min)	100					

TYPE	LHT 320			
LIFTING CAPACITY (t)	25			
GVW OF THE VEHICLE (t)	32			
BODY LENGTH (internal) (m)	4.3 - 6.1	4.8 - 6.6	5.1 - 6.9	5.3 - 7.1
G-MEASUREMENT (mm)	5100	5600	5900	6100
SYSTEM WEIGHT (kg)	2850	2900	2930	2950
HOOK HEIGHT (mm)	1450 / 1570			
MOUNTING HEIGHT (mm)	270			
MAX. OPERATING PRESSURE (MPa)	30			
RECOMMENDED OIL FLOW (l/min)	120			

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