

Hiab Multilift XR Low-built range hooklifts



Product brochure



Ease of use and endless possibilities at your service

Safety of operation and ease of use are two of the most important features of the Hiab Multilift XR Low-built range hooklifts. Add to this low centre of gravity, lower loading angles and outstanding stability thanks to the 195 mm installation height, as well as the Hiab Multilift standard feature of main cylinder flotation and this hooklift range becomes the ultimate driving companion, improving the driver's comfort. The lower installation height also means taller demountable bodies can be carried maximising the effective payload giving real potential to return profit to your business.

There is always a great solution for your business with the XR Low-built range

Carefree convenience

The XR Low-built range is built to the normal high standards you would expect from Hiab Multilift and coupled with the state of the art PLC-operated (Programmable Logic Controls) control system makes operating this hooklift range easy with proven reliability. The PLC system allows you to benefit from minimum downtime, fast operations and the highest degree of safety regardless of the load. This 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.

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 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 the high reliability thanks to strong and well-proven construction.

Volume transport

When transferring light-weight goods long distances it is important to transport as many cubic metres as possible to fully maximize profitability. With the XR Low-built hooklift even fitted to a standard truck an extra 1 cubic metre can be carried in a standard 6.5m container. Add to this the extra cubic metres of additional containers loaded onto a drawbar trailer and the benefits of the low installation height are fully realised.

Even more loading volume can be achieved with special containers, low-built truck chassis and drawbar trailer to utilize the full advantage of volume transport business.

Advanced safety features

Safe operation with Hiab Multilift hooklifts is a matter of great importance to us. Wrong movements are virtually eliminated thanks to built-in safety circuits in the PLC control system and load holding valves which are mounted directly on the cylinders. Mechanical tipping locking and body locking are included in the standard equipment.

Modern technology using the latest 3D modelling software and high quality materials have been used in the construction of these hooklifts, and numerous field trials performed to guarantee the longevity of the equipment. Steel castings are extensively used in high-stress areas and extremely high quality welding with excellent repeatability is accomplished through robot welders, which increases the hooklifts' reliability and prolongs their operating life.

Optimal construction guarantees trouble-free continuation of your operations. Reliability, low running costs and high resale value make Hiab Multilift hooklifts a safe investment for any business.

Options

Automatic sequence control

Operating a hooklift to perform some of the most common movements couldn't be easier! With the automatic sequence control loading or unloading the container is much easier with just one maintained movement of the XR control unit. Yet again, you have the freedom of choice to switch between automatic/manual controls 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 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 the hooklift's subframe guaranteeing a quieter and smoother operation.



Factory fitted accessories

Factory fitted accessories include, for example, controls and piping for trailer hydraulics, controls for tailgate opener and bogie blocking cylinders or stabilizer roller, as well as controls for the electric underrun bar (URB).

Additional benefits offered by XR20ZL hooklift

- Low operational geometry with the help of sliding and tilting hookarm
- Low lifting angle when lifting the demountable body from ground, extremely low angle when transferring the body to/from a drawbar trailer
- Low working height enables the operation in low spaces i.e. inside the basement of a building.
- Long horizontal movement enables the transport of containers with varying lengths.
- Safe and easy-to-use gripping hook with pneumatic safety latch as standard.



Hiab Multilift XR Low-built

Technical data

Technical data

XR18SL

Vehicle type	3 axle			
Gww of the vehicle (t)	26			
Capacity (t)	18			
G-length	51	52	53	56
System weight (kg)	2080	2130	2180	2200
Tipping angle (°)	52	52	55	52
LR = Body length (min – max) internal (m)	4,3 – 6,1	4,5 – 6,3	4,6 – 6,4	4,8 – 6,6
SL = Subframe length (mm)**	5843	5843	6143	6443
B = Centre of gravity (mm)	3000	3070	3150	3300
G = Exact G-length (mm)*	5060	5200	5340	5560
HM = Horizontal movement (mm)	1100			
Max. Operating pressure (Mpa)	28			
Recommended oil flow (l/min)	80			
HH = Hook height	1450			

Technical data

XR20SL

Vehicle type	3 axle					
Gww of the vehicle (t)	26					
Capacity (t)	20					
G-length	49	51	52	53	56	58
System weight (kg)	2210	2270	2320	2380	2400	2450
Tipping angle (°)	56	52	52	55	52	52
LR = Body length (min – max) internal (m)	4,1 – 5,9	4,3 – 6,1	4,5 – 6,3	4,6 – 6,4	4,8 – 6,6	5,1 – 7,0
SL = Subframe length (mm)**	5543	5843	5843	6143	6443	6443
B = Centre of gravity (mm)	2885	3000	3070	3150	3300	3400
G = Exact G-length (mm)*	4830	5060	5200	5340	5560	5760
HM = Horizontal movement (mm)	1100	1100	1100	1100	1100	1150
Max. Operating pressure (Mpa)	30					
Recommended oil flow (l/min)	100					
HH = Hook height	1450					

Technical data

XR24SL

Vehicle type	4 axle	
Gww of the vehicle (t)	32	
Capacity (t)	24	
G-length	56	58
System weight (kg)	2480	2540
Tipping angle (°)	52	52
LR = Body length (min – max) internal (m)	4,8 - 6,6	5,1 - 7,0
SL = Subframe length (mm)**	6443	6443
B = Centre of gravity (mm)	3300	3400
G = Exact G-length (mm)*	5560	5760
HM = Horizontal movement (mm)	1100	1150
Max. Operating pressure (Mpa)	30	
Recommended oil flow (l/min)	100	
HH = Hook height	1450	

* Weight includes hydraulic body locking and excludes oil tank and oil.

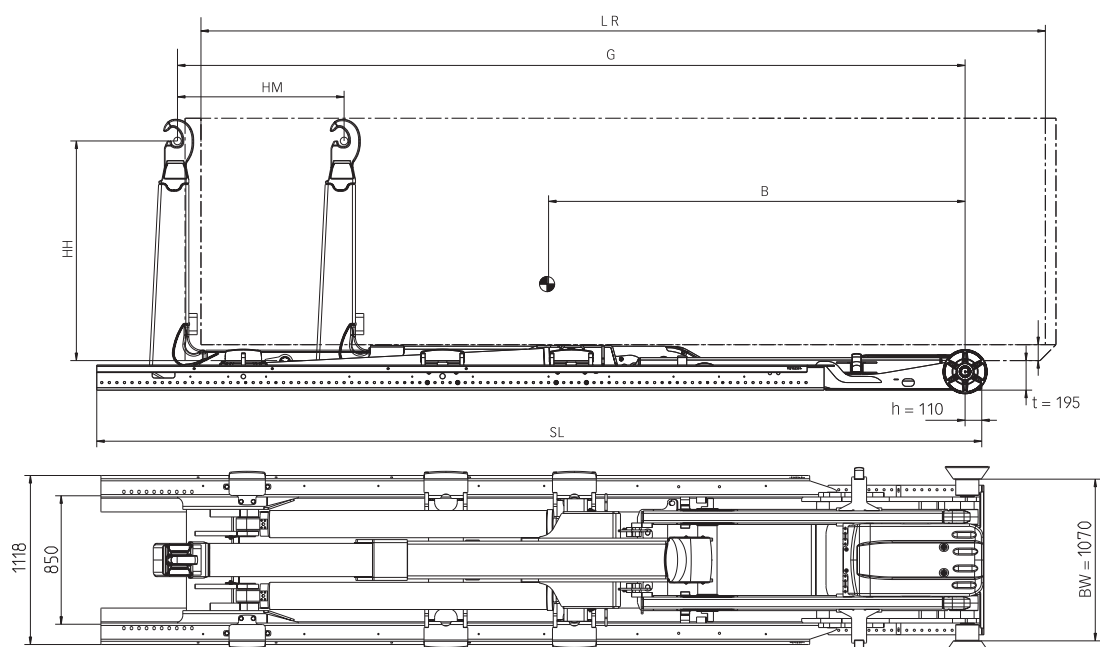
** The subframe length (SL) can be reduced to achieve a final installation length. The minimum installation length depends upon country and control valve position. For an exact installation length dimension please contact your local Hiab Multilift dealer.

Technical data

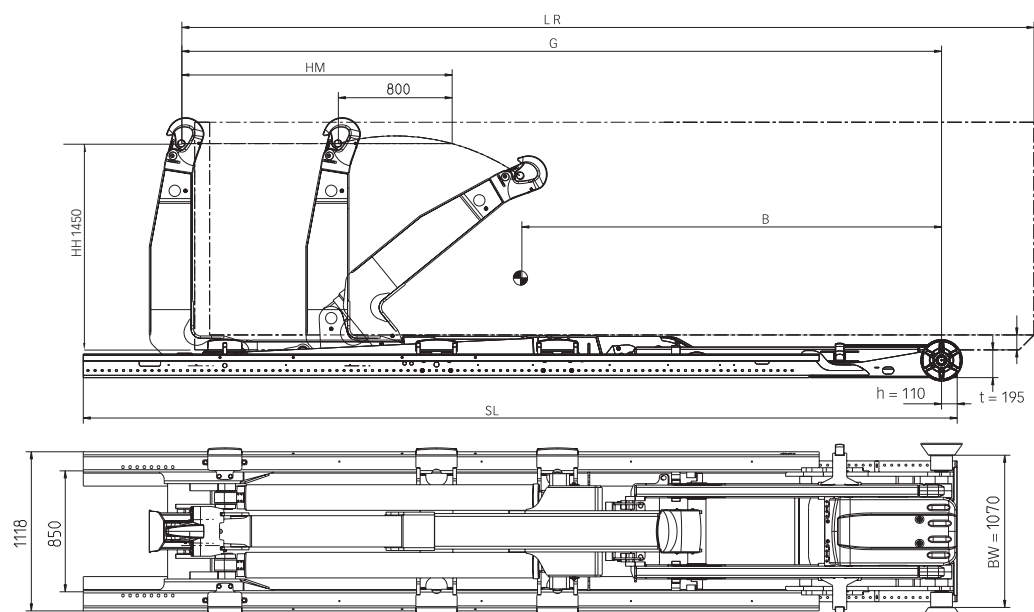
XR20ZL

Vehicle type	3 axle		
Gww of the vehicle (t)	26		
Capacity (t)	20		
G-length	53	56	58
System weight (kg)	2580	2650	2690
Tipping angle (°)	55	52	52
LR = Body length (min – max) internal (m)	3,8 - 6,4	4,0 - 6,6	4,5 - 7,0
SL = Subframe length (mm)**	6143	6443	6443
B = Centre of gravity (mm)	3220	3350	3450
G = Exact G-length (mm)*	5340	5560	5760
HM = Horizontal movement (mm)	1100 + 800		
Max. Operating pressure (Mpa)	30		
Recommended oil flow (l/min)	100		
HH = Hook height	1450		

Hiab Multilift XR18SL, XR20SL, XR24SL side view and top view



Hiab Multilift XR20ZL side view and top view



Disclaimer. Hiab Multilift equipments fulfil the demands set forth in EU Machine Directive. Equipments in illustrations are not always standard and may include optional accessories.

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