



# Hiab 477 CLX

## Capacity 289,320 ft-lbs



Product brochure



# A powerful solution

## **Hiab XS 477 CLX – for power and precision**

The Hiab XS 477 CLX is a powerful solution for efficient load handling. An outreach of over 49 feet and 21'4", 23'1 1/2", and 26'3" stabilizer span options provide you with a crane that is second to none. This model is delivered with the powerful combination of the P-boom and E-link systems, a perfect match when handling big, bulky loads at close quarters. Moreover, with up to 5 extensions lifting with a straight boom and a long reach is no problem either. The E-link system also helps retain maximum lifting capacity when working with a straight boom system or handling loads close to the column.

## **Designed for the tough jobs, every day**

Hiab designs cranes for rough and tough operation, and this crane is no exception. The crane is designed to be on the job, day in and day out, where it belongs; however, unscheduled servicing is necessary from time to time. In order to keep servicing time as short as possible, we have equipped the crane with JIC couplings and easily replaceable large slide pads. Before you know it, the crane is back at the jobsite, doing what it does best: creating solutions and versatility for your business.

# Hiab XS 422 CLX Capacity 267,620 ft-lbs

## Front runners in boom design

A Hiab crane is built to withstand extreme loading under all kinds of circumstances, in all field conditions. Keeping the boom reliable, tough and sturdy under extreme loading has made Hiab a world leader in crane boom engineering. Take a closer look at the crane, and you'll see a number of features that our customers benefit from.

## Hexagonal boom profile

The hexagonal profile used on Hiab booms is a groundbreaking design introduced by Hiab many years ago. It is now standard throughout the market for loader cranes. Even the smallest Hiab crane takes advantage of this design.

## X-function

Angling the outer boom upwards relative to the inner boom gives greater accessibility in confined spaces.



### E-link

An inner boom link makes it possible to lift a heavier load close to the column, and the outer boom link helps in lifting to higher positions such as scaffolding.

### Load-holding valve

The load-holding valve is a combined hose-failure and load-holding valve, which is mounted on the cylinder.

### High-torque slewing

A heavy-duty, high-torque slewing mechanism ensures safe and efficient operation, even on inclines or slopes.

### Hoses run internally

The hoses are routed internally in the loader body, also in other parts of the crane, where they are out of harm's way, thus reducing maintenance costs.

### Oil bath

On most Hiab cranes over 43,000 ft-lbs capacity, the slewing mechanism is enclosed in an oil bath. This keeps the slewing mechanism in great condition, year after year, ensuring that the crane can be used for extremely demanding applications in complete confidence.

### Hexagonal boom profile

The hexagonal profile ensures that the boom is always held in perfect balance, thanks to its shape and large support surface. The profile also minimizes boom deflection, thus reducing maintenance costs and increasing efficiency.



### JIC couplings

JIC couplings are standard on most Hiab cranes. They ensure easy and secure coupling, yet are very simple to disconnect for service.



### Large slide pads

The hexagonal profile enables the use of larger slide pads. This makes the extensions move more smoothly and reduces mechanical wear on the boom.



### Attachable tools

A wide range of attachable tools are available for your Hiab crane. These enable you to carry out many different tasks.



## CLX control system

The CLX control system gives you an excellent and versatile crane, providing all the functionality you need to perform a wide range of general cargo handling tasks. CLX cranes are controlled manually via side controls. The hydraulic system of a CLX crane features load-holding valves with an integrated hose failure function, as well as port relief valves to prevent the crane from overloading. The main control valve is the Hiab Valve 80, which enables the crane to perform more than one crane function at the same time, smoothly and efficiently.

## Valve 80

The Hiab Valve 80 is a top-of-the-line open-center valve based on a well-proven technique which gives superb reliability. It features very good dynamic characteristics and performs with ease while slewing and handling numerous operations at the same time. The valve can handle large oil flows, distributing great power to the cylinders and all other hydraulic functions, and yet it can be controlled with high precision.



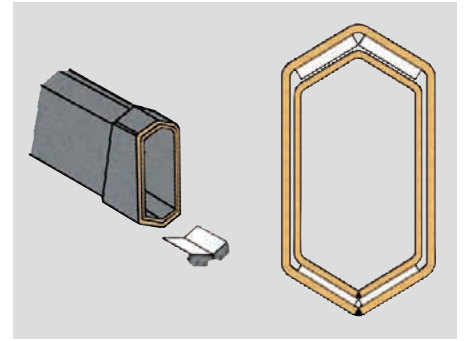
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### Side controls

The levers are positioned at the crane base. Cross-controls give the same sequence of levers on both sides.



### Hexagonal boom profile

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