

# HIAB XS 177K



Speed is crucial when handling heavy building materials. The faster the crane, the more goods delivered. The HIAB XS 177K is a powerful and fast worker that offers you unbeatable cost effectiveness and flexibility in materials handling.

HIAB XS 177K has a unique boom geometry, aimed at performing specific tasks better and faster than other crane designs. A 3.5 metre first boom combined with a second boom link, gives you outstanding performance.

The long first boom provides faster moves from close in to far out. On the K-boom system, the two second boom extensions come out at the same time, driven by only one cylinder and a chain connection. This doubles extension speed, thus giving a very fast overall load cycle speed.

Also included is Hiab's SPACE X4 intelligence system and an external display is an option that help you monitor and control the electronic functions, thereby increasing safety and productivity.



# REACH FAST REACH SMART

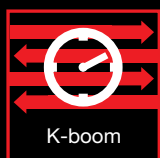


# FAST MOVEMENTS WITH TOP-NOTCH PRE

The features shown here are some of many reasons why the HIAB XS 177K cranes offer exceptionally fast, cost-effective and flexible materials handling.

## K-boom

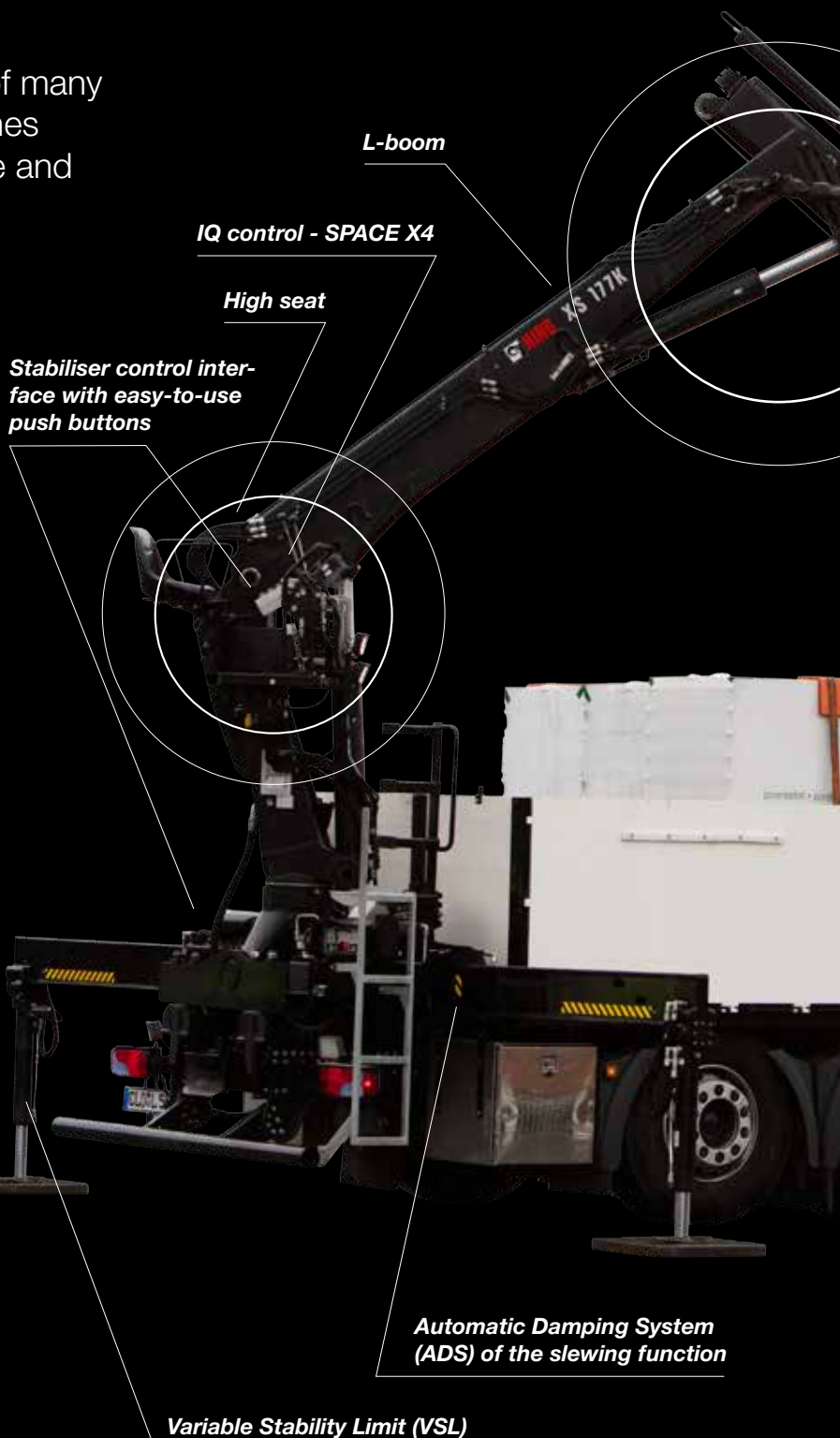
The non-foldable K-boom system has geometries that are ideally suited for meeting the demands of the building-materials industries. It has an extra-long first boom and a shorter second boom. The long first boom provides faster moves from close in and far out. On the K-boom system, the two second boom extensions come out at the same time, driven by only one cylinder and a chain connection. This doubles extension speed, thus giving a very fast overall load cycle speed.



## nDurance

Constantly exposed to the elements, your crane needs the best in surface protection. HIAB nDurance is the industry's most effective high-tech painting system, with a technologically advanced and environmentally sound process based on nanotechnology and e-coating. Exposed crane's parts are first shielded by an ultra-thin nanoceramic layer that prevents corrosion. Afterwards they receive a lacquer polymer e-coating and a durable powder coating, which create stunning good looks that will last your crane's lifetime.

**nDurance**



# PRECISION



## Pro or HiPro control system

The best crane is only complete with the best control technology. HIAB XS 177K cranes can be steered with two types of control system, both based on the high-precision, industry-leading HIAB V91M valve.

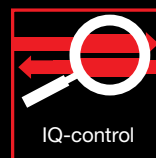
The HIAB Pro system is the perfect choice for manual high seat, while the HIAB HiPro system gives you remote control and the possibility to operate your crane from the ground. Both have special features that can give you up to 10% more capacity when you need it.



## IQ control

The HIAB XS 177K cranes feature the SPACE X4 intelligence system for efficient monitoring and controlling all electronic functions. The system has a simple and intuitive interface for maximal peace-of-mind.

To further facilitate operation, the HIAB XS 177K cranes are also equipped with an external display. It is mounted in high seat or delivered so that it can be placed in the truck cabin.





# CONTROL IS A COMPETITIVE ADVANTAGE

Whether manual or remote, expert control of your crane translates into higher safety and efficiency and ultimately better business. HIAB XS 177K cranes are available with Pro or HiPro control systems, both fitted with the HIAB V91M valve for the smoothest and most precise operation possible.

## HIAB Pro

HIAB Pro is a truly sophisticated manual control system. Fast and precise, it ensures both rapid load-cycle speeds and high capacity.

Using HIAB Pro from the high seat, you have access to advanced features like Automatic Duty Control (ADC), which can give you additional capacity when needed.

## HIAB HiPro

HIAB HiPro is simply the most advanced remote control system in the industry. Operated by lever or joystick, it has a built-in intelligence system that ensures exceptionally precise load handling.

In addition to capacity-increasing Automatic Speed Control (ASC), HIAB HiPro features Pump Flow Distribution (PFD) for super-smooth operation. This unique feature evenly distributes the oil in proportion to your control movements, which prevents sudden and unanticipated accelerations of the load.



### Manual operation

Using the HIAB Pro control system from the high seat, you can do your work with fast load-cycle speeds and top-notch accuracy.

### Remote operation

Using the HIAB HiPro control system, you can operate from the ground and steer your crane from the perfect vantage point in relation to the load.



### The HIAB V91M valve

Both the Pro and HiPro control systems utilise the HIAB V91M valve. Capable of handling oil flows of up to 120 l/min, the HIAB V91M ensures a smooth response and top-notch precision.

### Extra capacity when needed

ADC and ASC are unique automatic features that give your HIAB crane an added boost. In certain situations, they increase capacity by up to 10% without imposing additional stress on the steel structure.

# WITH YOU ALL THE WAY

When you choose a HIAB XS 177K crane, you choose a crane that will stay with you for many years- Hiab will be with you too, providing world-class service and support. Our commitment to quality and reliability goes beyond the crane itself to include parts, services and preventive maintenance.

## Rugged reliability

HIAB XS 177K cranes are built to last, with high-tensile steel, high-quality cylinders, reliable seals and protective covers that resist weather and impact. The crane also features our Automatic Damping System (ADS), which ensures smooth movement in applications where slewing is frequently used. ADS increases your crane's precision and productivity and secures a longer life time. Having undergone a punishing series of laboratory tests and field trials, HIAB XS 177K offer the industry's best fatigue resistance. Through innovative design, each component is carefully integrated into the crane body to secure reliability and make sure it stays in service.

## From parts to people

Original spare and wear parts of the highest quality ensure that your HIAB XS 177K crane will always be a HIAB product. In other words, they give you the same functionality, performance and safety you have chosen from the start.

The parts – and much more – are made available to you quickly through the largest service network in the industry. No matter where you are, you are never far away from our skills and expertise. Like our loader cranes, our people work harder and go farther with you.

## Your time is vital

HIAB XS 177K cranes are designed for easy ownership. Key parts and components that require regular attention are located where you would expect them, and where they are easy to get at. Neither routine nor preventive maintenance should take a moment longer than necessary.

When more is required, our fully trained and accredited service personnel know all there is to know about your crane. Above all, they know the importance of servicing or repairing it as quickly as possible. They get your crane back in business and making a profit, with downtime kept to a minimum.





Our global HIAB service network puts original parts and a wide range of quality services close to where you do business.

# ACCESSORIES

## THAT ENHANCE YOUR EQUIPMENT

Extend the versatility of your mid range crane by adding one or more of HIAB's wide range of selected accessories. Manufactured to the highest standards, they enhance functionality and performance.



### HIAB Brick Grabs

There is a lot to gain from using a brick grab. A brick grab is extremely versatile and made to withstand tough duty work – all day, every day. The load doesn't have to be palletized and can be handled from awkward positions with limited space. Brick grabs are also ideal for speedy handling of your loads.



### Rails

Various types of compression rails are available in different lengths; which one to choose depends entirely on the character of your load.



### Pallet forks

Handling loads with a pallet fork has a number of advantages. Above all a pallet fork is less expensive than the main alternative – a brick grab. Also, since the load is palletized and lifted from underneath, it is possible to lift many different types of loads, both soft and flexible loads as well as solid ones.



### Quick Change Systems

The quick change system enables an easy exchange between different attachments. The mechanical coupling and locking is achieved by the turning motion of the rotator. You simply disconnect the quick couplings and disengage the locking device manually. The quick change system allows the easy exchange between pallet fork and brick stack grapple for example.

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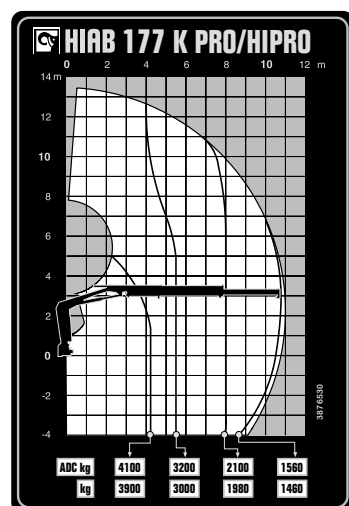
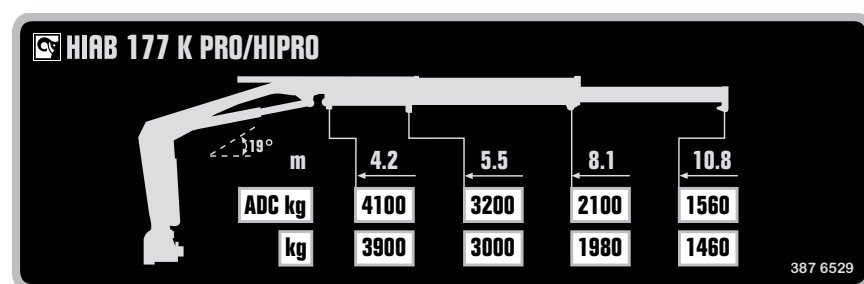
When choosing Hiab Selected Accessories, you can be sure to get the most out of your equipment. Hiab Selected Accessories live up to the market-leading Quality and Performance standards set by Hiab.



# HIAB XS 177 K-2 HIPRO TECHNICAL DATA

Technical data	K-2 PRO	K-2 HiPRO
Max. lifting capacity (kNm)	177	177
Outreach - hydraulic extensions (m)	11.0	11.0
Outreach - manual extensions (m)		
Outreach / Lifting capacity, standard (m / kg)	4.2 / 4100	4.2 / 4100
	5.5 / 3200	5.5 / 3200
	8.1 / 2100	8.1 / 2100
	10.8 / 1560	10.8 / 1560
Slewing angle	406°	406°
Height with horizontal boom (mm)	2390	2390
Installation space needed (mm)	935	935
Weight - "standard" crane without stabilizers (kg)	2300	2300
Weight - stabilizer equipment (kg)	255 - 385	255 - 385

## HIAB XS 177 K-2 HiPro



# BUILT TO PERFORM

Hiab is the world's leading provider of on-road load handling equipment. Customer satisfaction is the first priority for us. Hiab's product range includes HIAB loader cranes, JONSERED recycling and forestry cranes, LOGLIFT forestry cranes, MOFFETT truck-mounted forklifts and MULTILIFT demountables, as well as DEL, WALTCO and ZEPRO tail lifts.

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