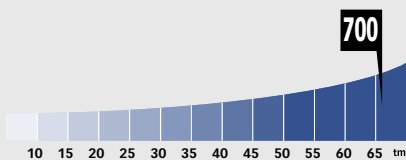




HIAB

XS

700 RANGE



HIAB XS 700

Exceptional performance in every sense of the word



Exceptional in every sense of the word

The HIAB XS 700 is a truly exceptional crane. Designed and manufactured utilising modular manufacturing techniques, it looks different, and it IS different in many crucial ways. Continuous research and development and our policy of listening and responding to the needs of our customers, has resulted in a crane that gives you more than any other crane in its class. More features. More power. More precision. And more productivity.

Bristling with the latest control technology and safety systems, the XS 700 boasts a massive **66 tonne meter lifting capacity**. Multiple hydraulic extensions provide a possible **outreach of 22.8 metres**. And a **9 metre stabilizer span** ensures total stability, even when working to the very limit of its reach and power. Make no mistake, this is a big crane with everything you need to tackle the biggest jobs.

Advancing the Hiab heritage of innovation

Hiab innovation and world-class engineering is to the fore in every aspect of the crane's construction and operation. Computer aided crane geometry make the XS 700 a beautifully balanced crane with an exceptional weight:capacity ratio. New control systems set new standards in performance, versatility, safety and smooth, gentle, precise handling. A **variety of boom configurations with links**, between **2 and 9 hydraulic extensions** and **numerous jib options** ensure optimum power and productivity – whether you are working close-in or reaching out to tall structures and buildings.



The ultimate combination of power, control and safety

With the intelligence to match its brute strength, the **XS 700** is the most advanced truck crane in its class. The control systems incorporated as standard represent the state-of-the-art in crane operating technology. Together they provide the ultimate combination of power, control and safety for building material deliveries, lifting heavy machinery, container handling and much, much more.

HIAB Valve 91

At the heart of the **XS 700's** control systems is the **Valve 91**. This pressure compensated valve has been acclaimed a hydraulic revolution. The crane responds faster, more gently and with a precision that corresponds exactly to the operator's lever movements. You get faster load cycle times and unrivalled control.



SPACE 5000 with Electronic Overload Protection

The **Valve 91** is matched with **SPACE 5000**, the most powerful version yet of Hiab's renowned computerised safety system, which **monitors the functions of the crane at all times**. Complete with **electronic overload protection (OLP)**, the system senses when the crane is overloaded or operating beyond its limits. At 90% of the rated load, **SPACE** will warn the operator. When exceeding rated capacity the system overrides the operator controls and brings the handling operation to a smooth, safe and immediate halt.



CombiDrive 5000 Radio/Remote Control

Equipped with **CombiDrive 5000** radio remote control, the crane's efficiency, productivity and safety is even further enhanced. The system allows the crane operator to be his own loading assistant and the crane can be operated remotely from the best vantage point possible.

Automatic Speed Control

Automatic Speed Control (ASC) takes the principle of speed control to new levels of excellence. The system provides a **continuous, stepless transition from normal speed to 30% of normal speed** for smoothness of handling unmatched by any other capacity enhancing system. In slowing down the operation of the crane, **ASC** provides an even bigger boost to the crane's lifting capacity.



Pump Flow Distribution

The electronic **Pump Flow Distribution (PFD)** system, ensures smooth and efficient operation of multiple functions at the same time, even at very high speed. **PFD** works by distributing the pump flow in precise proportion to the lever positions, ensuring that no functions are shut down due to lack of oil.

- **Two boom configurations**
- **Variety of stabilizer leg attachments to suit different truck and installation requirements**
- **Three stabilizer leg lengths**
- **Two jib options**
- **Jib and Winch combinations**
- **Choice of hose and pipe options**
- **Adaptable hydraulic system for variable and fixed pump flows**
- **Audible and visual overhead warning system**
- **Remotely controlled stabilizers – optional**



For extreme challenges, a crane with extreme capabilities



The XS 700 Range at a glance



XS 700 Range	700 EP-2	700 EP-3	700 EP-4	700 EP-5	700 E-4	700 E-5	700 E-6	700 E-7	700 E-8	700 E-9	
Max lift in kNm (tm)	648 (66.1)	634 (64.6)	626 (63.8)	620 (63.2)	621 (63.3)	614 (62.6)	606 (61.8)	600 (61.2)	594 (60.5)	590 (60.1)	
Hydr. outreach, std	8.0 m	10.1 m	12.4 m	14.8 m	11.6 m	14.0 m	16.2 m	18.5 m	20.7 m	22.8 m	
Outreach/lifting standard, m/kg	3.5/18 000 4.3/15 200 5.9/11 100 7.8/ 8 400	3.4/18 000 4.4/14 600 6.1/10 500 8.0/ 8 000	3.3/18 000 4.5/14 100 6.2/10 100 8.1/ 7 700	3.3/17 800 4.7/13 400 6.3/ 9 800 8.2/ 7 400	3.4/18 000 4.1/15 400 5.7/11 000 7.5/ 8 200	3.3/18 000 4.3/14 500 5.9/10 400 7.7/ 7 700	3.3/17 900 4.3/14 300 5.9/10 200 7.7/ 7 500	3.3/17 600 4.4/13 900 6.0/ 9 800 7.8/ 7 300	3.2/17 500 4.5/13 400 6.0/ 9 700 7.8/ 7 100	3.2/17 500 4.5/13 000 6.1/ 9 400 7.9/ 6 900	3.2/17 500 4.5/13 000 6.1/ 9 400 7.9/ 6 900
Weight w/o support legs	5 110 kg	5 420 kg	5 700 kg	5 930 kg	5 800 kg	6 090 kg	6 340 kg	6 580 kg	6 800 kg	6 930 kg	
Rec. oil flow l/min	90 - 140*	90 - 140*	90 - 140*	90 - 140*	90 - 140*	90 - 140*	90 - 140*	90 - 140*	90 - 140*	90 - 140*	

* for high oil flow, variable pump recommended

Note: Hiab cranes have been built to meet the highest standards of safety and service life and have been thoroughly tested. Strength calculations have been carried out in accordance with prEN 13001, in fatigue class S3. Hiab's CE-marked cranes comply with the European Standard EN 12999.

Hiab's certified Quality Assurance System complies with the ISO 9001. Some of our items in our literature may be extra equipment. Certain applications may require an official permit. We reserve the right to change technical specifications without prior notice.

For more information about the XS 700 or any other Hiab crane, please contact your local Hiab distributor.

There's no better investment

All HIAB XS cranes are designed to provide a rapid return on your initial investment. We build-in a host of innovative features to keep your operating and maintenance costs to an absolute minimum. For example, hoses and pipes are well protected and concealed.

New moulded covers are also mounted over the control valve and electronic boxes to protect the control system from undue wear and tear. **Oversized slide pads** give longer service life.

The reassurance of an extended warranty

Our meticulous attention-to-detail in reducing maintenance costs and eliminating downtime means we are able to offer a more

comprehensive warranty package with our cranes and the ability to tailor them at local level. Check with your local dealer for more information on these important developments in truck crane warranties.

A total after-sales commitment

When you do need product support, you can be sure it is the best in the business. Parts are readily available for next day delivery through your local Hiab dealer or direct from our central European Distribution Centre. Access to Hiab's superb service facilities and highly trained technicians is equally convenient with strategic locations throughout Europe and the rest of the world.

Contact your local Hiab dealer

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expect more from your crane