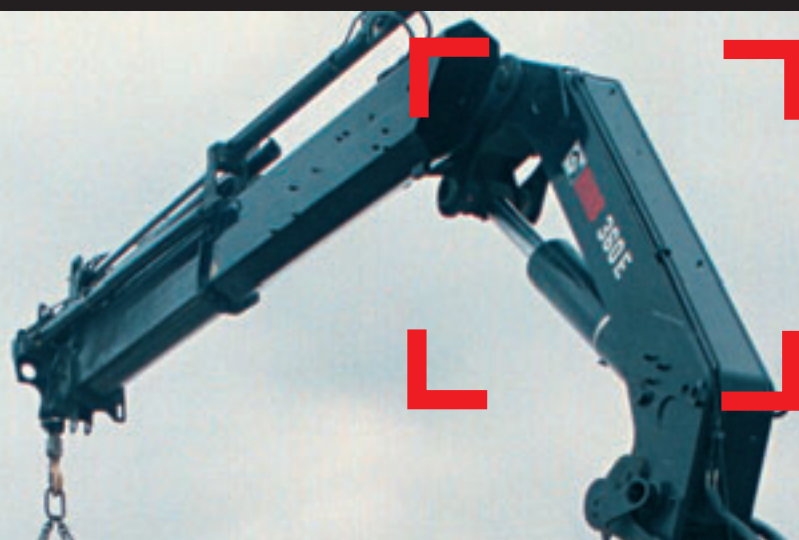


HIAB 360 E Capacity 36 tm



Product brochure



The compact and powerful crane



The HIAB 360 E will reach out

The HIAB 360 E is a crane well suited for tasks where reach is a top priority. It has a very powerful and stable boom system enabling even heavy loads to be hoisted high. Yet, by using the latest computer aided design technology, high-tensile steel and an advanced, hexagonal-shaped boom system, the weight of this crane has been kept down. The result is increased payload capacity and greater productivity, and a boom system that is free of hanging hoses. The boom has a low headroom profile, providing easy access to confined spaces.

High reliability provides for low maintenance

The reliable HIAB 360 E can be fitted with up to 8 hydraulic extensions providing a maximum hydraulic outreach beyond 21 metres.

Add a HIAB Jib-65X with manual extensions and the outreach can be extended up to an outstanding 33 metres. The crane is equipped with the MiniSPACE intelligence system and control levers positioned at the base of the crane. The HIAB Valve 50 is the main hydraulic valve. A very well tested and reliable control valve. As an option you can also order your crane with the top-of-the-line HIAB Valve 91.

Front runners in boom design

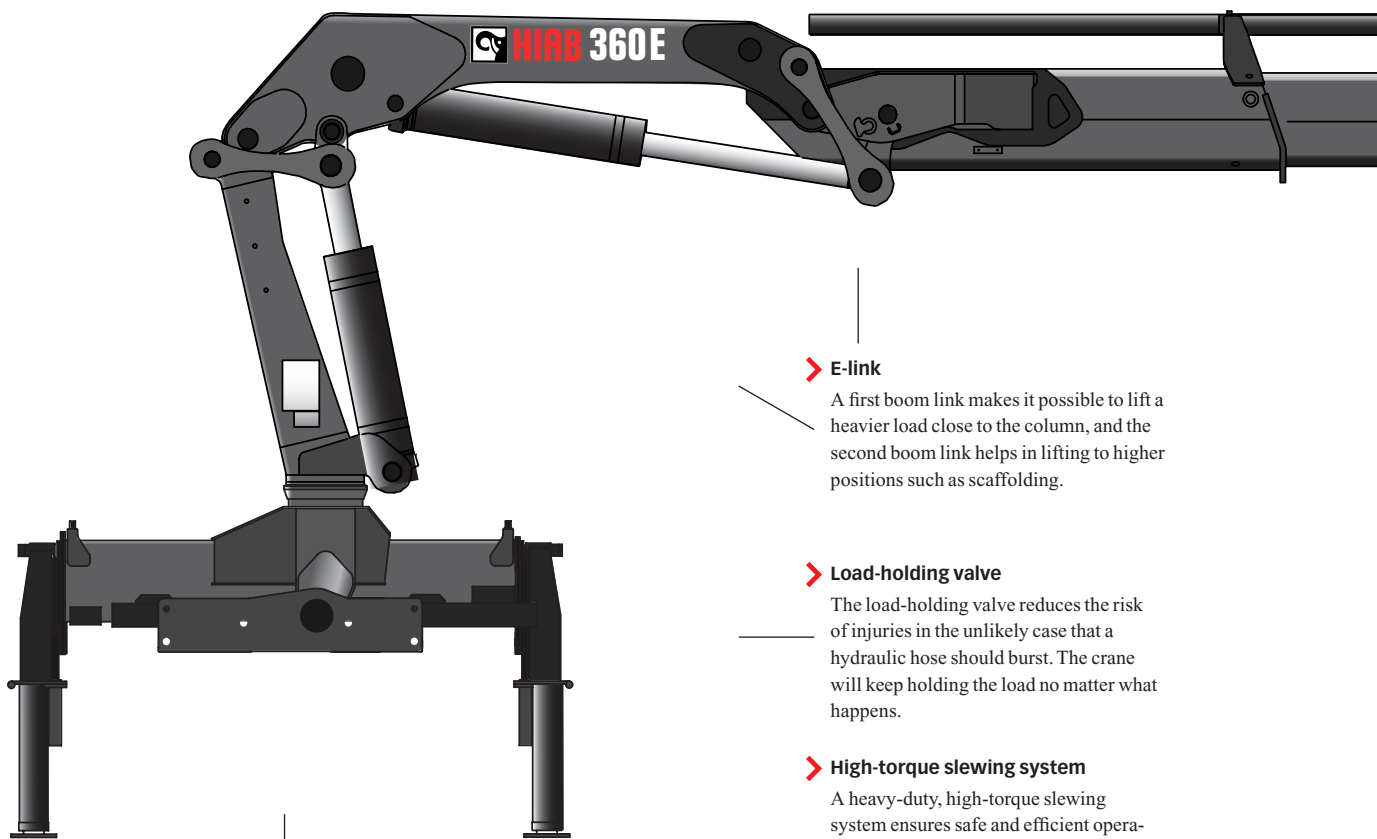
A Hiab crane is built to withstand extreme loading under all kinds of circumstances, in all field conditions. Keeping the boom reliable, tough and sturdy under extreme loading has made Hiab a world leader in crane boom engineering. Taking a closer look at the crane, one can point out a number of features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

Optional side supports

On cranes equipped with an optional hose and pipe kit, side supports are fitted on each boom extension. These supports stabilize the boom laterally and minimize play.

Hexagonal boom profile

The hexagonal profile used on Hiab booms is a ground-breaking design introduced by Hiab many years ago. It is now standard throughout the market of loader cranes. Even the smallest of Hiab cranes benefit from this design.



> Hoses internally

The hoses are run internally in the crane body and in the outrigger beam, where they are out of harm's way, thus reducing maintenance costs.

> E-link

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

> Load-holding valve

The load-holding valve reduces the risk of injuries in the unlikely case that a hydraulic hose should burst. The crane will keep holding the load no matter what happens.

> High-torque slewing system

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

> Oil bath

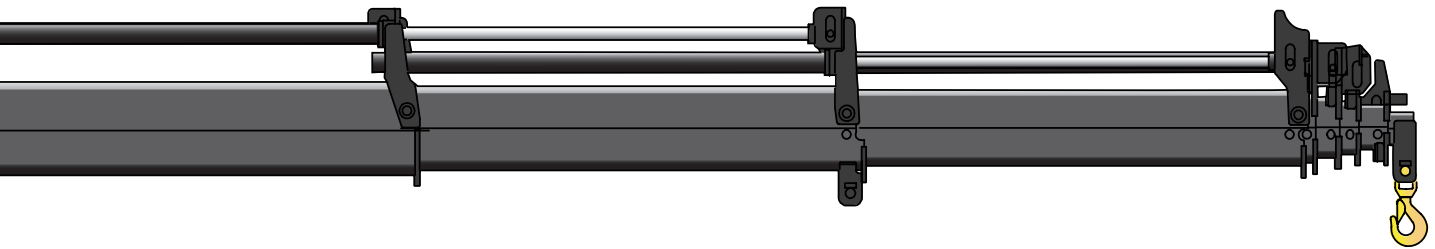
On most Hiab cranes over six tonne metres the slewing mechanism is kept in an oil bath. This keeps the slewing mechanism in great condition throughout the years making sure the crane can be confidently used for extremely demanding applications.

> **Hexagonal boom profile**

The hexagonal profile used on Hiab booms is a ground-breaking design introduced by Hiab many years ago. It is now standard throughout the market of loader cranes. Even the smallest of Hiab cranes benefit from this design.

> **Low headroom**

The boom extension cylinders are positioned so that the one furthest out is always as low as possible. This provides easy access to confined spaces.



> **JIC couplings**

JIC couplings are standard on most Hiab cranes. They assure secure coupling easily, and are still very easy to disconnect for service.

> **Large slide pads**

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

> **Attachable tools**

A wide range of attachable tools are available for your Hiab crane. These make sure you can carry out a lot of different tasks.

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> MiniSPACE intelligence system

The MiniSPACE system intelligently monitors and controls the electronic functions of your crane.

Safety is managed by an Over Load Protection (OLP) function. The OLP also enables you to work in front of the truck cabin, an area that is traditionally not possible to operate in. High boom warning also contributes to the increased safety that Hiab is so well known for.

Automatic Dumping of Oil (ADO) keeps the oil in top condition and thus reduces maintenance costs. This is done by leading the oil straight back into the tank when the crane is running idle.

Further more, the system handles functions primarily used by service personnel such as fault code indication and load cycle data.

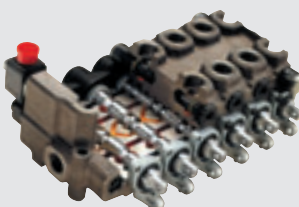
> Operating your crane by remote control

The benefit of Hiab's remote control units ensures that the crane operator can be positioned at the best possible location when operating the crane. This leads to more efficient, comfortable work and also increases safety. A further spin-off effect is that you can be your own loading assistant due to the fact that you can position your self next to the load, or wherever the loading assistant would be standing. Your tasks will be completed faster and at a lower cost.



^ Controlled extension and retraction sequence

A controlled sequence means that the extensions always move in the same order. Extracting and retracting the extensions in a controlled sequence means that the total weight is lower, this is of most importance on a long boom system.

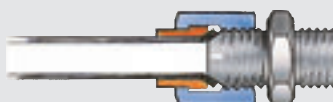


^ Valve 50

The HIAB Valve 50 is an extremely well tested design, which offers total reliability and low service costs. It is an open centre valve and can handle a maximum pump flow of approximately 60 litres per minute.

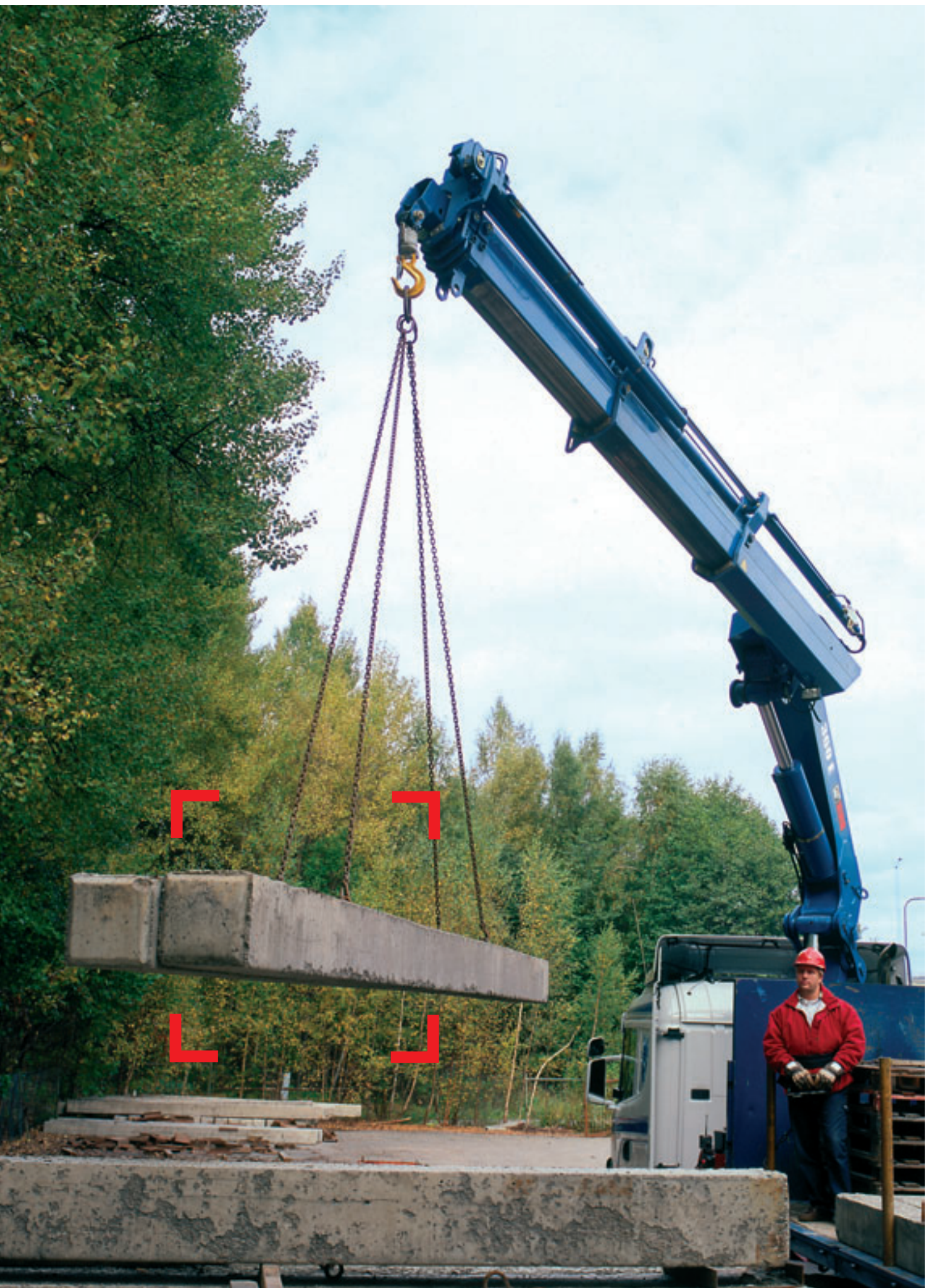
^ CombiDrive

The HIAB CombiDrive control unit can handle up to 12 proportional functions, thereby controlling all movements with the same precision.



< JIC couplings

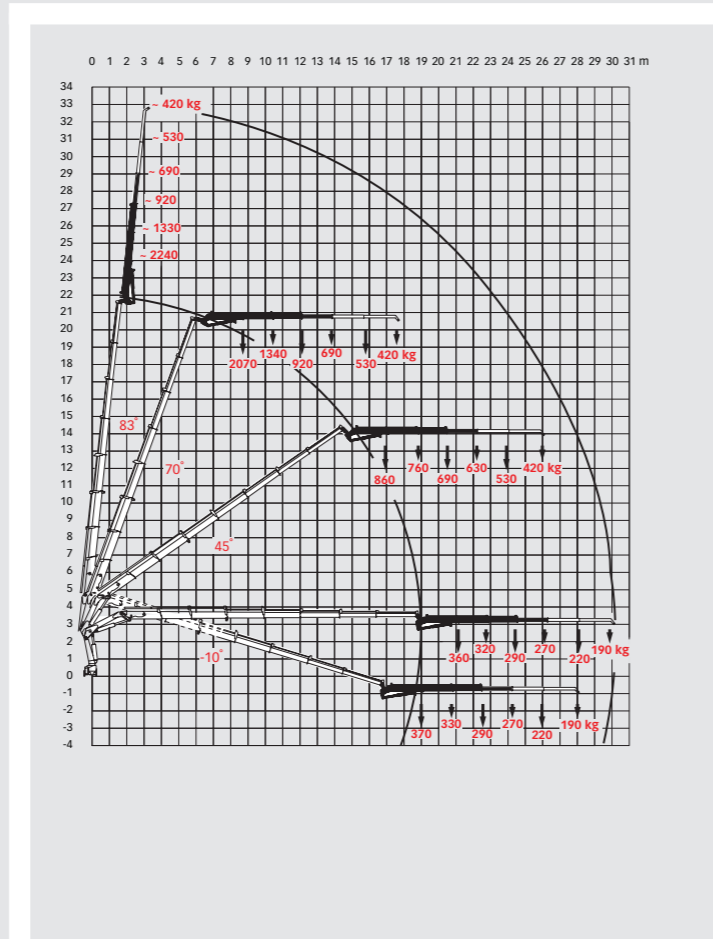
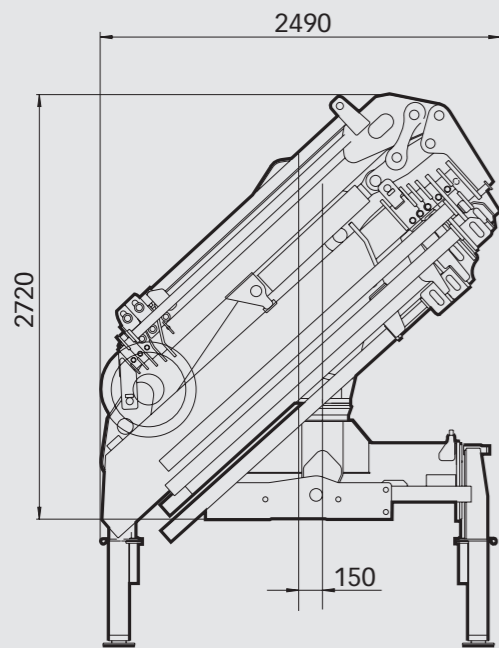
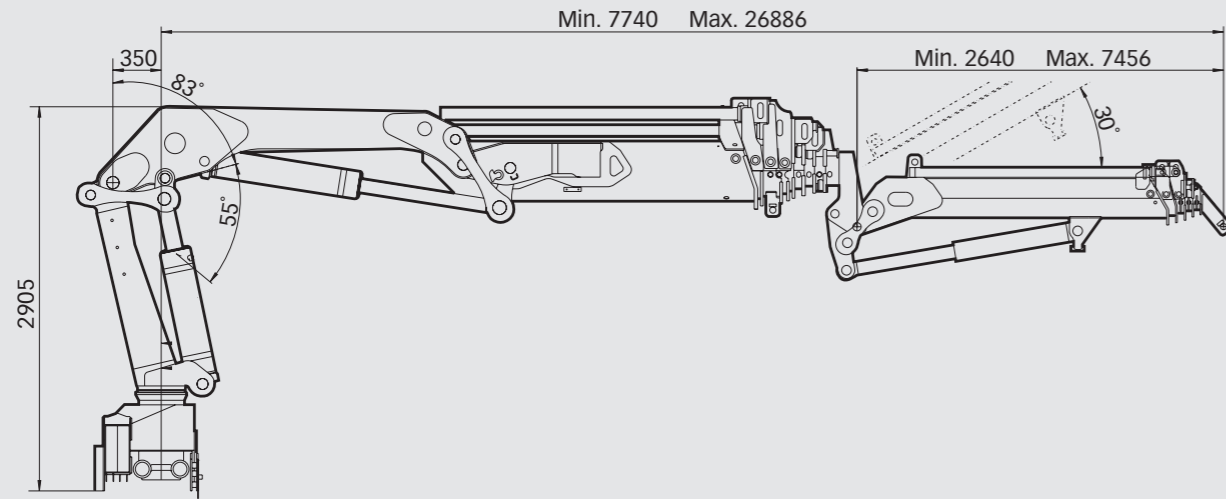
JIC couplings are standard on most Hiab cranes. They assure secure coupling easily, and are still very easy to disconnect for service.



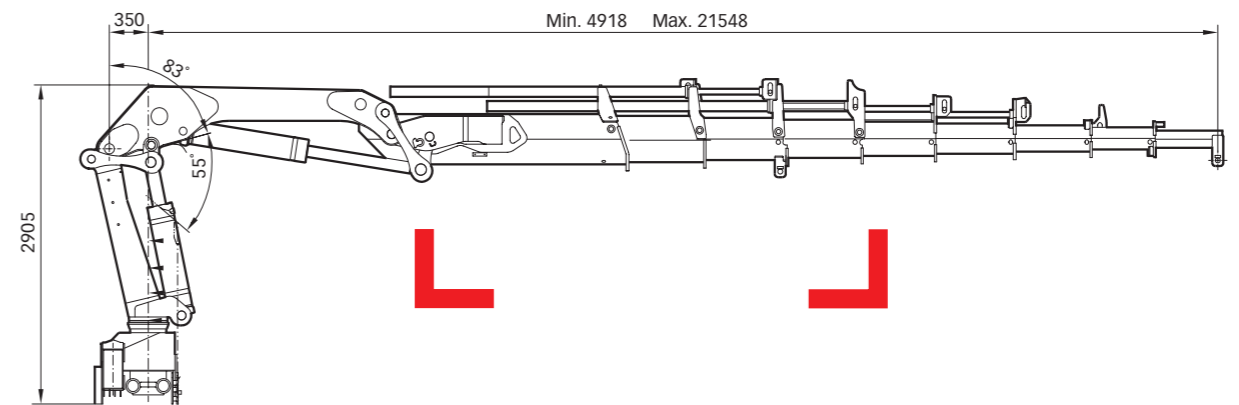


HIAB 360 E Basic data

> HIAB 360 E-7 jib 65X-3



HIAB 360 E Capacity 36 tm



Basic data

Disclaimer

Hiab cranes has been built to meet the highest standards of safety and service life and has been thoroughly tested. Strength calculations for this model have been carried out in accordance with DIN 15018. Hiab's certified Quality Assurance System complies with the ISO 9001. Some of the 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. Hiab cranes produced for EU-countries are CE-marked and comply with the European Standard EN 12999.

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HIAB 360 E Basic data

Technical data

	360 E-3	360 E-4	360 E-5	360 E-6	360 E-7	360 E-8
Max. lifting capacity (kNm)	324	316	308	300	294	289
Outreach - hydraulic extensions (m)	10.5	12.6	14.8	17.0	19.2	21.5
Outreach - manual extensions (m)	23.9	23.8	23.8	23.9	23.9	-
Outreach - jib (m)	-	-	-	24.5	26.7	-
Outreach / lifting capacity (m / kg)	2.0 / 14600*	2.0 / 14300*	2.0 / 14000*	2.0 / 13800*	2.0 / 13600*	2.0 / 13500*
	3.0 / 10000*	3.0 / 10000*	3.0 / 9900*	3.0 / 9700*	3.0 / 9500*	3.0 / 9400*
	4.8 / 6900	4.8 / 6700	4.8 / 6500	4.8 / 6350	4.8 / 6200	4.8 / 6100
	6.5 / 4950	6.5 / 4750	6.5 / 4550	6.5 / 4400	6.6 / 4150	6.6 / 4050
	8.4 / 3750	8.4 / 3550	8.4 / 3350	8.4 / 3150	8.5 / 2950	8.5 / 2850
	10.5 / 2980	10.5 / 2760	10.5 / 2560	10.5 / 2370	10.5 / 2200	10.5 / 2080
	-	12.5 / 2280	12.5 / 2080	12.5 / 1880	12.6 / 1700	12.6 / 1580
	-	-	14.7 / 1740	14.7 / 1540	14.8 / 1350	14.8 / 1240
	-	-	-	16.9 / 1320	17.0 / 1130	17.0 / 1000
	-	-	-	-	19.2 / 980	19.1 / 860
	-	-	-	-	-	21.4 / 760
Outreach / Lifting capacity, with jib (m / kg)	-	-	-	19.6 / 610	21.8 / 360	-
	-	-	-	21.1 / 550	23.3 / 320	-
	-	-	-	22.7 / 500	24.9 / 290	-
	-	-	-	24.4 / 460	26.6 / 270	-
Slewing angle	400°	400°	400°	400°	400°	400°
Height in folded position (mm)	2410	2410	2410	2410	2410	2410
Width in folded position (mm)	2490	2490	2490	2490	2490	2490
Installation space needed (mm)	1304	1358	1373	1373	1373	1373
Weight - "standard" crane without stabilizers (kg)	3860	4090	4325	4605	4810	4940
Weight - stabilizer equipment (kg)	450 - 730	450 - 730	450 - 730	450 - 730	450 - 730	450 - 730
Weight - jib (kg)	-	-	-	690**	655**	-

* May require special hook or special hook position

** Incl. hose and pipe kit

HIAB 360 E-8

