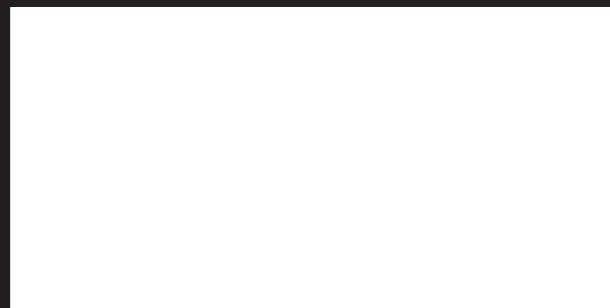


HIAB 027 Capacity 3 tm



Product brochure



HIAB 027 Capacity 3 tm

The HIAB 027 a reliable workhorse

The HIAB 027 is a tough crane that requires a minimum of maintenance. The crane is built on well known and reliable technique which guarantees a long term life span. To protect the environment the hydraulic system has been specially designed so it can use biodegradable, vegetable-based oil. The crane is controlled by levers positioned at the base.

Compact with excellent reach



Worm gear slewing

The worm gear slewing mechanism is extremely reliable and thus keeps maintenance cost at a minimum. The slewing gear is grease lubricated, enclosed in a cast steel base and sealed with an o-ring gasket. The slewing house and base of the crane takes up very little space at the back of your truck.

Hose rupture valve

The hose rupture valves are built directly into the inner and outer boom cylinders. Safety is improved and service costs are kept to a minimum.

Hexagonal boom profile

The hexagonal profile ensures the boom is always in perfect balance, due to its shape and big support surface. The profile also minimizes boom deflection. This reduces maintenance costs and increases efficiency.

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.

Manual extensions

The crane can be equipped with manual boom extensions. These are easily mounted and give an extra outreach that can prove valuable.

Mechanics that make a difference

The boom system features the advanced hexagonal-shaped profile made of lightweight, high-tensile steel which is all welded together using a unique single weld technique. This design and manufacturing combination makes the boom system very stable and tough. The crane is well suited for various lifting operations, and extra reach can be accomplished using manual boom extensions. The HIAB 027 is available with one or two hydraulic boom extensions providing a maximum hydraulic outreach of close to 5 meters. Also manual boom extensions can be added thereby increasing reach to around 6 meters. The stabilizer leg extensions feature spring loaded locking devices and secondary safety catches.

Control panel

The control panel levers are protected by a steel frame that prevents them from being moved unintentionally. As an option your crane can be equipped with cross controls.

BOSS safety system (optional)

The BOSS safety system is used on the Hiab light range cranes. It consists of a basic Over Load Protection (OLP) function, making sure your work is always carried out safely. At 90% of the maximum capacity the operator is notified by means of audible and visual alarm signals.



Cross controls

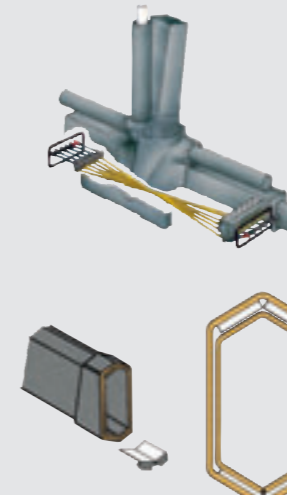
The Cross Controls are a Hiab unique feature giving you the same lever sequence on either side of the truck, minimizing the risk of human error. Hiab safety measures and user friendly thinking makes life as a crane operator much safer.

Hexagonal boom profile

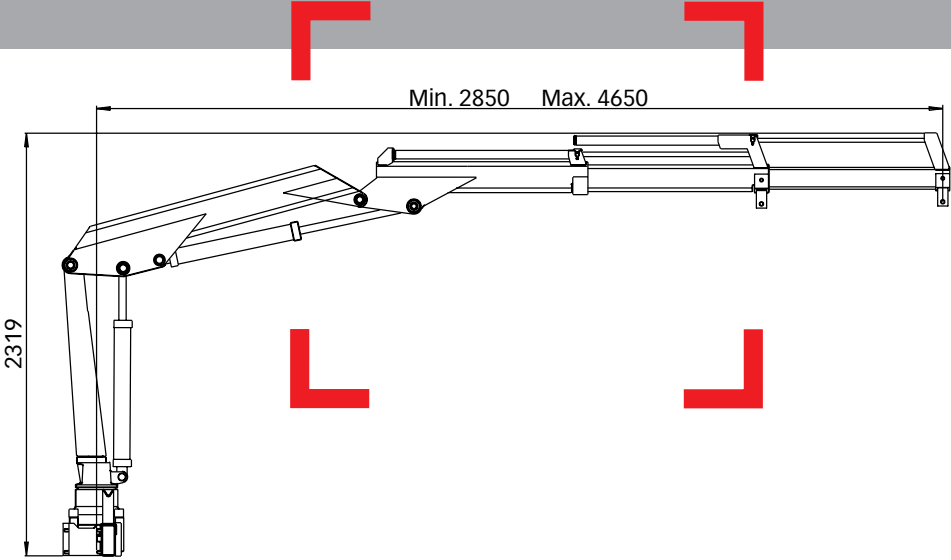
The hexagonal profile used on Hiab booms is a ground-breaking design introduced by Hiab many years ago. It is now standard throughout the market of loader cranes. Even the smallest of Hiab cranes benefit from this design.

A helping hand in the garden

Gardening tasks such as laying down topsoil and planting trees or bushes suits this crane perfectly. The compact design and surprisingly long outreach enable you to carry out the tasks with ease.



HIAB 027 Capacity 3 tm



Basic data

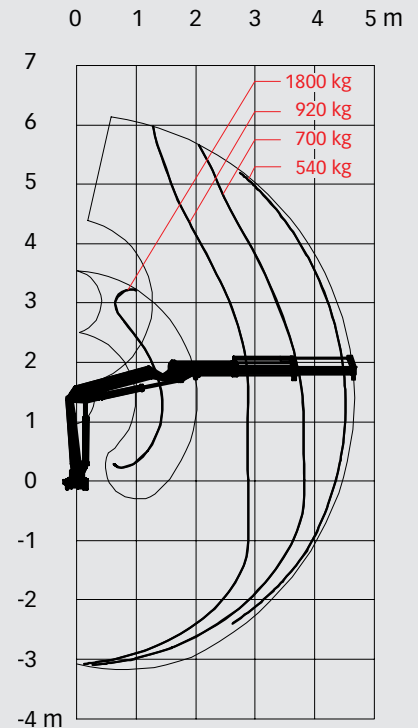
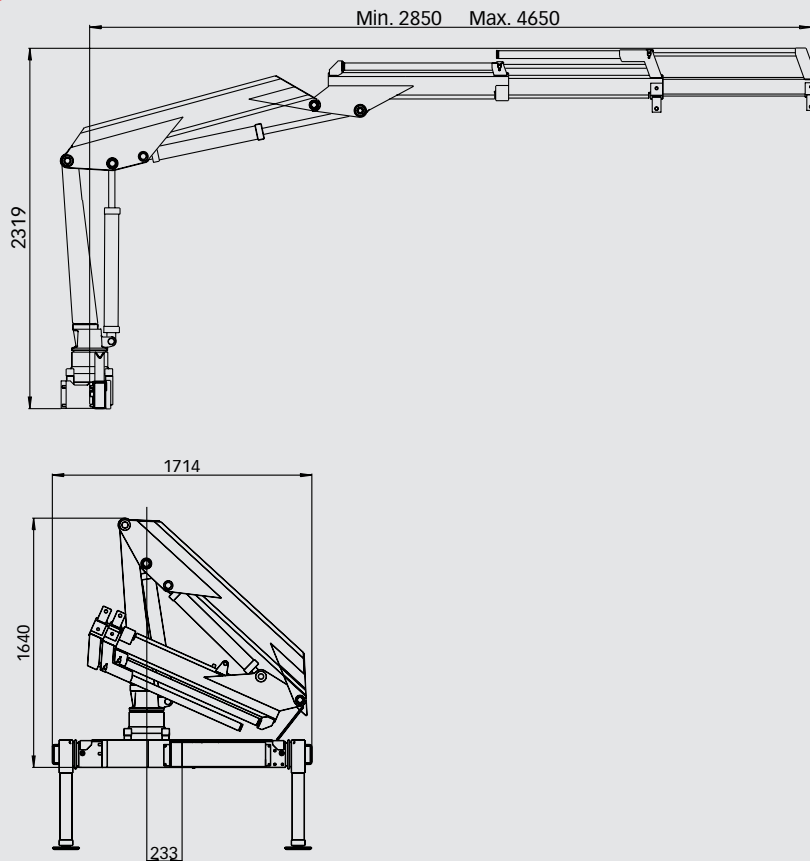
HIAB 027 Basic data

Technical data

	027-1	027-2
Max. lifting capacity (kNm)	26.9	26.3
Outreach - hydraulic extensions (m)	3.7	4.7
Outreach - manual extensions (m)	5.7	5.7
Outreach / lifting capacity (m / kg)	1.5 / 1800*	1.4 / 1800*
	2.7 / 998	2.9 / 920
	3.5 / 780	3.8 / 700
	-	4.5 / 540
Slewing angle	330°	330°
Height in folded position (mm)	1640	1640
Width in folded position (mm)	1680	1680
Installation space needed (mm)	-	-
Weight - "standard" crane without stabilizers (kg)	340	370
Weight - stabilizer equipment (kg)	63 - 113	63 - 113

* May require special hook or special hook position

HIAB 027-2



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.