

## HIAB 022 Capacity 2 tm



Product brochure

[www.hiab.com](http://www.hiab.com)



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**The HIAB 022 for excavation jobs**

The HIAB 022 is a tough crane focused on giving you a lightweight crane for digging. The crane requires a minimum of maintenance. It 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.

**Tough and**



**> 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.

**> Engineering for productivity**

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. Tasks such as digging can be taken on without hesitation, thanks to the rigid design. The HIAB 022 is available with one or two hydraulic boom extensions providing a maximum hydraulic outreach of close to 5 meters. The stabilizer leg extensions feature spring loaded locking devices and secondary safety catches.

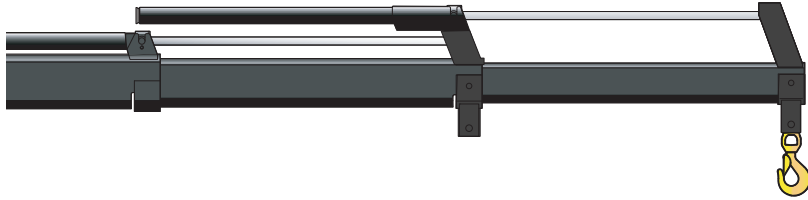
**> Control panel**

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.

# lightweight



### > 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.

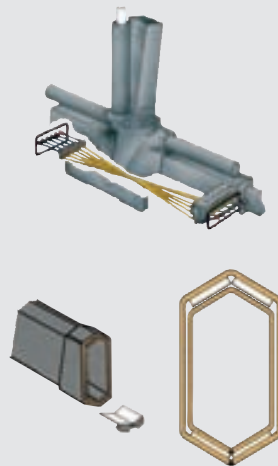
### > Large slide pads

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



### < 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.

### < Clamshell bucket

Hiab cranes are designed to withstand the rigorous demands of digging. With a clamshell bucket the versatility of your crane and vehicle is greatly increased.



Hiab is part of Cargotec Corporation



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