

AUTOMATIC LIFTING HOOK (MADE IN SWEDEN)

MODEL NO. IS SERIES

This new concept saves time and increases safety. Lifting operations with mobile cranes and industrial hoists can safely be managed by the operator alone. He can remain at the controls during lifting and release operation.

FEATURES

- Automatically hooks up, safety locks and releases
- The risk for injury is dramatically reduced
- No climbing or helpers injured or squeezed by the load in the dangerous loading or drop zone

The GIGASENSE IS Hook consists of hook, housing and link. Forged hook, housing and link are of high-grade alloy steel. Unloaded, the spring loaded hook is pulled up against the housing in an open, ready-to-load position where it can easily be hooked onto a sling, lifting eye or other attached hardware.

1. When the GIGASENSE IS Hook is engaged, the load tension closes the hook opening, and the safety latch is automatically locked.
2. The hook remains safety locked even if it is unloaded. It is therefore possible to safely set down the load and make sling adjustments.
3. To release the safety lock after completed lifting operation, the hook is lowered until the upper link has tilted approximately 60° in relation to the housing.
4. When the lock is released, the hook swings up into an open starting position.
5. The load is released, and the hook is ready for a new lifting operation.

The IS Hook is tested and approved by the Swedish Institute for Materials Testing. Transport case is optional.

The IS Hook is available in 5 sizes from 1.81-18.1 tonnes. It is easy to operate, has rugged design and a high reliability.

Applications include but are not limited to; Blasting mats, pipes, pumps, machines, gas bottles, big bags and general lifting.

SPECIFICATIONS

Model No.	Type	WLL (Tonne)		Dimensions (mm)							Wt (kg)
		Safety Factor		A	B	C	D	E	F	G	
		4:1	5:1								
300159	IS-2	1.81	1.45	310	280	60	340	80	20	42	3.0
300165	IS-5	4.53	3.81	360	325	50	430	90	32	67	6.7
300161	IS-10	9.070	7.25	490	425	65	580	110	44	58	15.0
300162	IS-15	13.60	10.88	525	460	80	625	115	54	72	24.0
300163	IS-20	18.14	14.51	580	500	80	700	130	65	83	37.0



HOOK UP
Lifting eye or sling.



LOWER
After completed lifting operation the GIGASENSE IS Hook is lowered until it tilts into release position and opens.



LIFT
When the GIGASENSE IS Hook is engaged, the load tension automatically safety locks the hook and housing assembly.



RELEASE
The GIGASENSE IS Hook automatically frees itself from the load and is ready for the next lifting operation.

