

Hydraulic Impact Hammer IHC S-150

Hydraulic impact hammer S-150 manufactured by IHC IQIP a.k.a. Hydrohammer® S-150 used for caissons, spun piles and driving of steel piles. A reliable, efficient and easy to operate tool for both onshore and offshore sites. A state-of-the-art workhorse you would use in your projects anywhere for multiple applications, such as well conductors, piles for jackets, tripods, mooring systems, subsea pipeline initiation piles, PLEM foundation piles, subsea template foundations, monopiles and many others with wide range of piles sizes required by clients.



OPERATING DATA:

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Max. net energy/blow	150 kNm
Min. net energy/blow	6 kNm

Weight:

Ram	7,5 tons
Hammer (incl. ram, in air)	16,2 tons
Hammer (incl. ram, salt water) (Only if fully submerged)	12,6 tons

Hydraulic data:

Operating pressure	280 bar
Max. pressure	350 bar
Max. oil flow	460 l / min

Lifting eyes:

L1
L2 / L3

WLL, tons:

55
17

Gas filling pressure:

Vertical pile driving only! Values will vary for:

- Pile driving under different angles with the vertical,
- Pile driving underwater depending on water depth.

Supply accumulator (Nitrogen)	150-170 bar
Return accumulator (Nitrogen)	4-5 bar
Cap (Nitrogen or Air)	12-16 bar

Safety setting:

Cap	40 bar
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Hose connections:

Oil supply 1 ½" hose (P)	M52x2 male
Oil return 1 ½" hose (R)	M52x2 male
Nitrogen to cap (CA)	R ¾" male

Hole diam.:

Ø 75 mm
Ø 45 mm

Thickness:

80 mm
55 mm

