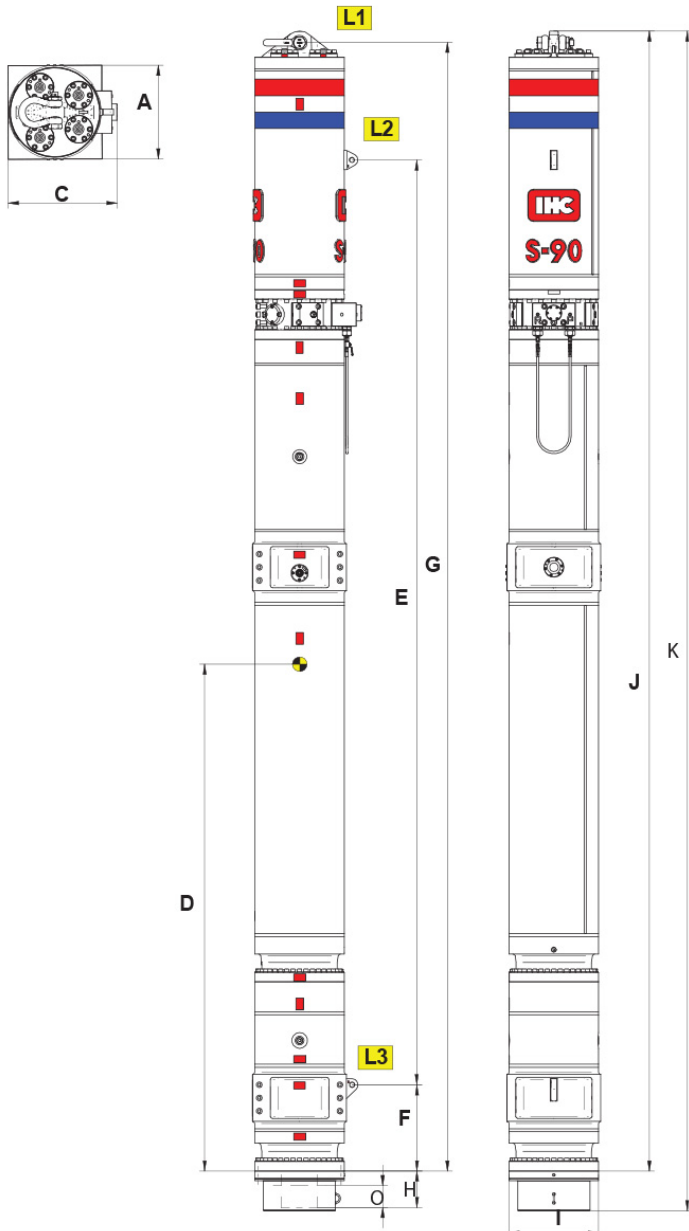


Specifications: S-90 HydroHammer®

APPLICATION: Hydrohammer® Leader guided for steel piles
 Piling free hanging in air and underwater

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Pos.	Description	Length [mm]
A	Transport width	640
C	Transport height (with shackle)	745
D	Centre of gravity	3460
E	Position lifting eyes	6315
F	Position lifting eyes	590
G	Length under crane hook	7700

Pos.	Description	Length [mm]
H	Required length in sleeve	250
I	Outer diameter	610
J	Length	7780
K	Transport length (incl. cover)	8055
O	Fall out ram weight pin	150

Pos. Lifting Eyes	WLL(working load limit)	HOLE Ø	THICKNESS
L1	25 metric tons	Ø56mm	70mm
L2 / L3	9.5 metric tons	Ø33mm	40mm

Standard (type G-4163)
 for Top Shackle

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Weights approx in metric tons:

Ram :	4.5 tons
Hammer (incl. ram, in air) :	10 tons
Hammer (incl. ram, in salt water) :	7.75 tons
<i>(Only if fully submerged)</i>	

Energy per Blow

Max:	90 kJ
Min:	9 kJ
Number of blows:	46 min

Hydraulic Data

Operating pressure :	300 bar
Max. pressure:	350 bar
Recommended oil flow:	250 l/min

Gas Filling Pressure

Vertical pile driving only! Values will vary for:

1. Pile driving under different angles with the vertical.
2. Pile driving underwater depending on water depth.

Supply accumulator (Nitrogen):	140–170 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 1½" hose (P)	M52x2 male
Oil return 1½" hose (R)	M52x2 male
Nitrogen to cap (CA)	R 3/4" male