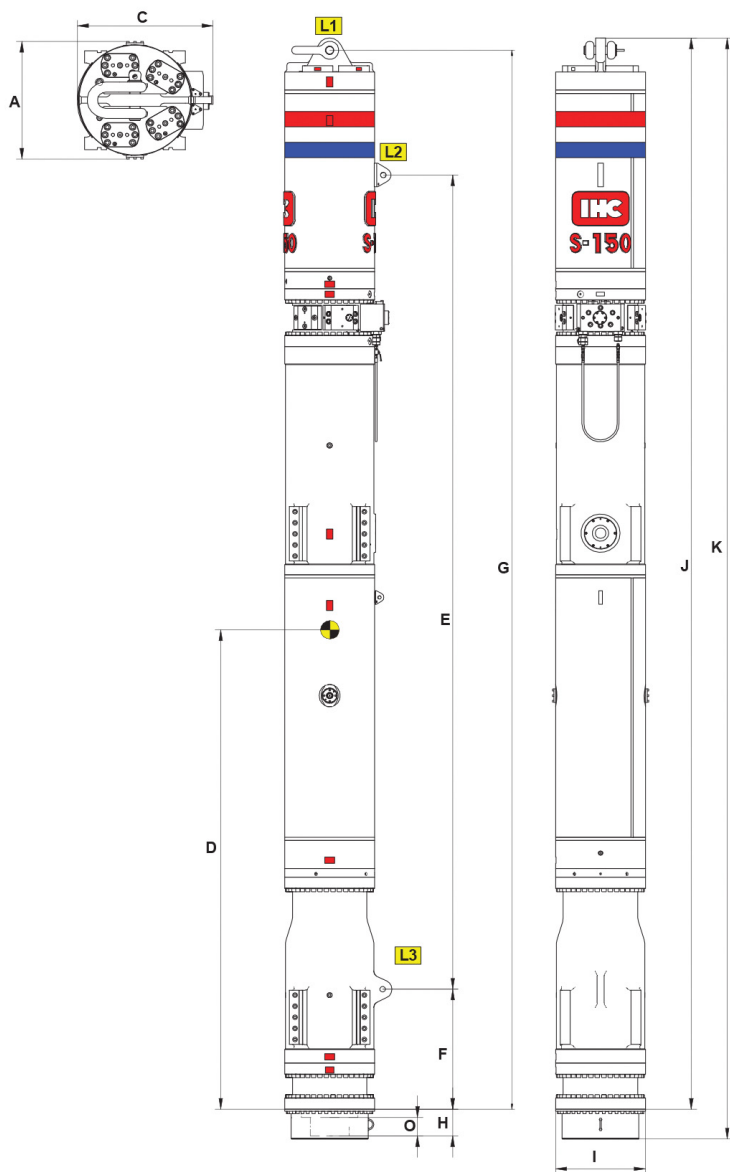


Specifications: S-150 HydroHammer® Uses P-460 Power Pack

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

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Pos.	Description S-150	Length mm/in
A	Transport width	762/ 30"
C	Transport height (with shackle)	861/ 33 ⁷ / ₈ "
D	Centre of gravity	3885/ 153"
E	Position lifting eyes	6595/ 259 ⁵ / ₈ "
F	Position lifting eyes	972/ 38 ¹ / ₄ "
G	Length under crane hook	8575/ 337 ⁹ / ₁₆ "

Pos.	Description S-150	Length mm/in
H	Required length in sleeve	215/ 8 ¹ / ₂ "
I	Outer diameter	712/ 28"
J	Length	8675/ 341 ¹ / ₂ "
K	Transport length (incl. cover)	8916/ 351"
O	Fall out ram weight pin	150/ 6"

Pos. Lifting Eyes	WLL (working load limit)- metric/US tons	HOLE Ø	THICKNESS
L1	55/ 60.6	Ø74mm	80mm
L2	17/ 18.7	Ø43mm	45mm
L3	17/ 18.7	Ø45mm	55mm

Standard (type G-4163)
for Top Shackle

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Weights approx in:

Metric tons/US tons

Ram :	7.5/ 8.26
Hammer (incl. ram, in air) :	16.5 / 18.2
Hammer (incl. ram, in salt water) :	13 /14.3

(Only if fully submerged)

Energy per Blow

Max:	150 kJ/110635 ft lbs
Min:	15 kJ /11063 ft lbs
Number of blows:	44 min

Hydraulic Data

Operating pressure :	280 bar
Max. pressure:	350 bar
Recommended oil flow:	460 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):	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 1½" hose (P)	M52x2 male
Oil return 1½" hose (R)	M52x2 male
Air to cap (CA)	R ¾" male