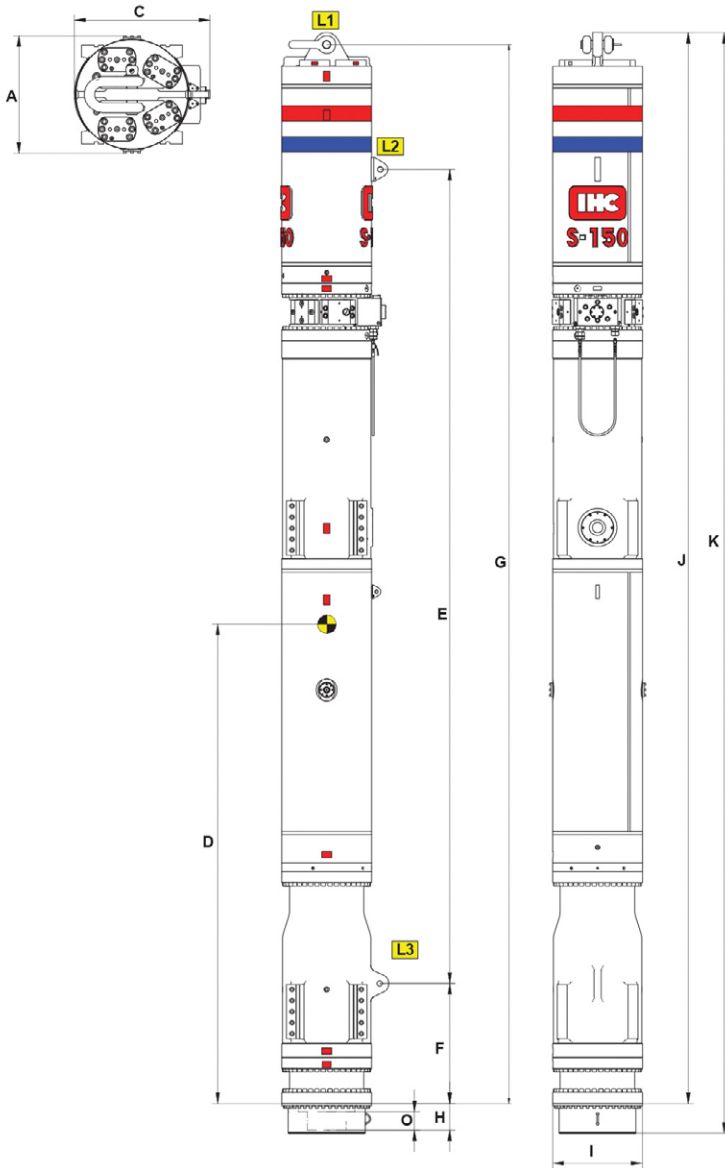


## Specifications: S-150 HydroHammer®

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

data sheet no. 1.1.10010  
 revision 4  
 date December, 2015  
 page 1/2  
 code no. 85 19 00 01



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

Pos.	Description S-150	Length mm/in
H	Required length in sleeve	215/ 8 <sup>1</sup> / <sub>2</sub> "
I	Outer diameter	712/ 28"
J	Length	8675/ 341 <sup>1</sup> / <sub>2</sub> "
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

## Specifications: S-150 HydroHammer®

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

data sheet no.	1.1.10010
revision	4
date	December, 2015
page	1/2
code no.	85 19 00 01

### 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
<i>(Only if fully submerged)</i>	

### Energy per Blow

Max:	150 kJ
Min:	15 kJ
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
-------	--------

### Hose Connections

Oil supply 1½" hose (P)	M52x2 male
Oil return 1½" hose (R)	M52x2 male
Air to cap (CA)	R ¾" male

#8004960

24" SLEEVE TO FIT S150 HYDRAULIC HAMMER

