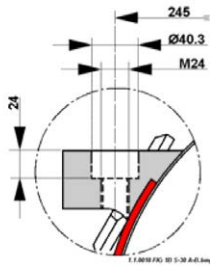


Specifications: S-150 HydroHammer®

Code no. 85 19 00 01

IHC Hydrohammer B.V.

sheet no.	:	1.1.0080
revision	:	16
date	:	November, 2007
page	:	1/1



APPLICATION: Hydrohammer® for steel piles.
 Piling and extracting
 (casting in situ)

Weights approx in metric tons:

Ram :	7.5 tons
Hammer (incl. ram, in air) :	16.2 tons
Hammer (incl. ram, in salt water) :	12.6 tons

(Only if fully submerged)

Energy per Blow

Max:	150 kNm
Min:	6 kNm
Number of blows:	44 min

Hydraulic Data

Operating pressure :	280 bar
Max. pressure	350 bar
Max. 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

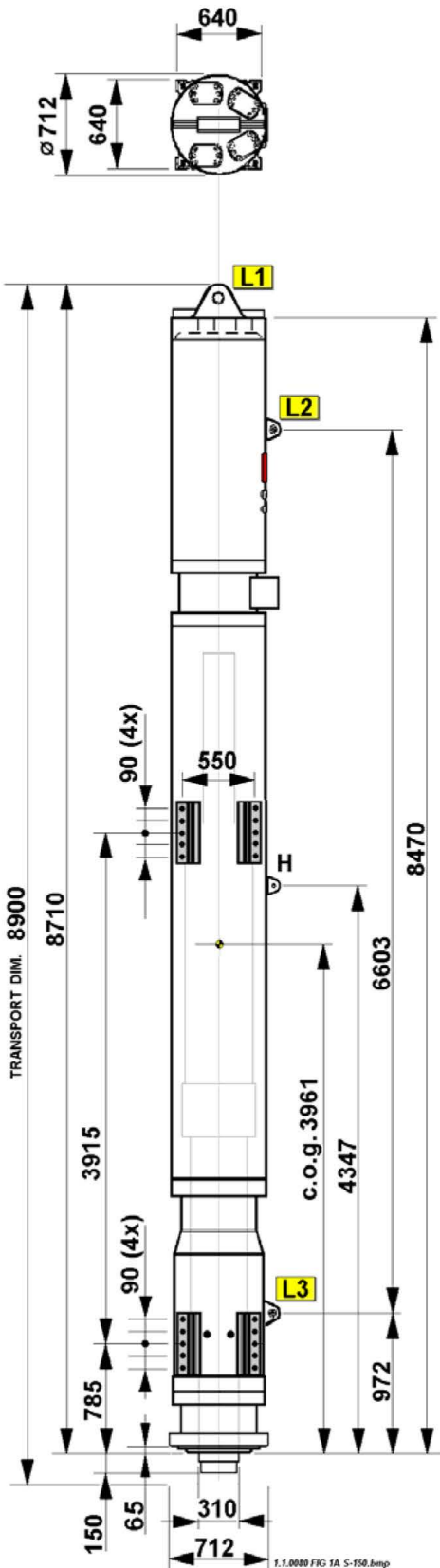
Cap :	40 bar
-------	--------

Hose Connections

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

Lifting Eyes

	WLL(working load limit)	HOLE Ø	THICKNESS
L1	55 tons	Ø75mm	80mm
L2 / L3	17 tons	Ø45mm	55mm



Main Dimensions