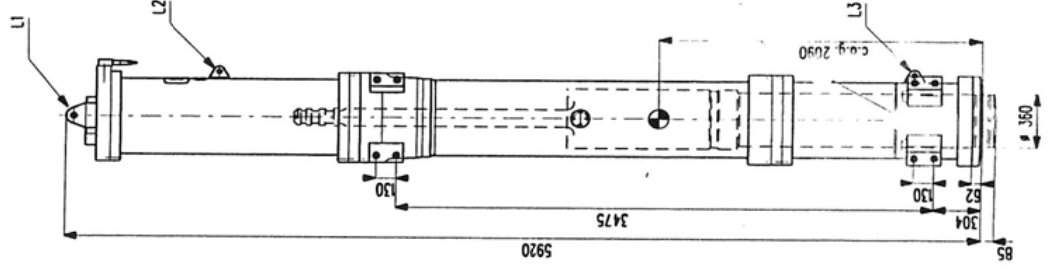
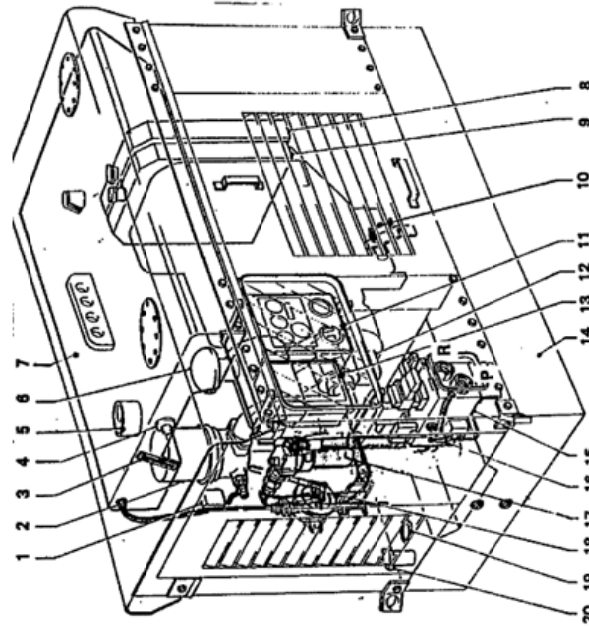


IHC SC 40



Operating Data			
Max. net energy/blow	200		kNm
Min. Net energy/blow	10		kNm
Blow rate(max energy)	45		Blows/min
Weights			
Ram	10.0		tons
Hammer(incl. Ram, in air)	24.5		tons
Hydraulic data			
Operating pressure	200-250		bar
Max. pressure	350		bar
Max. oil flow	750		l / min
Nitrogen filling pressure Vertical pile driving only!			
Supply accumulator	120-150		bar
Return accumulator	4-6		bar
Cap	18-20		bar
Safety setting			
Cap	40		bar
Hose connections			
Oil supply 2" (P)	M68x2		male
Oil return 2" (R)	M68x2		male
Nitrogen / air to gap (CA)	M42x2		male
Working load limit (WLL) and hole diameter			
L1	150 ton		Diameter: 115 mm
L2	9 ton		Diameter: 40 mm
L3 / L5	35 ton		Diameter: 60 mm
L3 / L5	6.5 ton		Diameter: 27 mm



1	Temp. switch hydraulic oil	11	Engine panel
2	Suction filter	12	Hydraulic pump
3	Combined level glass / thermometer	13	Control panel C20
4	Level switch hydraulic oil reservoir	14	Fuel tank
5	Breather cap hydraulic oil reservoir	15	Hydraulic manifold
6	Air filter, diesel engine	16	Bail valve on manifold (2x)
7	Hydraulic oil reservoir	17	Return filter
8	Hydraulic oil radiator	18	Hand pump (filling of hydraulic oil reservoir)
9	Engine coolant radiator	19	Fuel level gauge

Technical specification and data:	
max ambient temperature	+ 40 degrees celsius
Container	
Net weight	Approx. 2.000 kg
Weight incl. Fuel and oil	Approx. 2.600 kg
Dimensions L x W x H	2440 x 1120 x 2000 mm
Capacity of fuel tank	Approx. 250 litres
Capacity of hydraulic oil tank	Approx. 350 litres
Diesel engine	
Make / model / type	Perkins / 4-stroke, 4 cylinder in line, water cooled turbodiesel
Rated engine output	85 kW at 2400 rpm
Starting system	24 V battery system (2x 90 Ah)
Cooling system	Closed loop coolant, aircooled by radiator
Hydraulic pump	
pump	PL-3H14 22cc
Pump capacity / Rated pressure	158 l/min / 350 bar