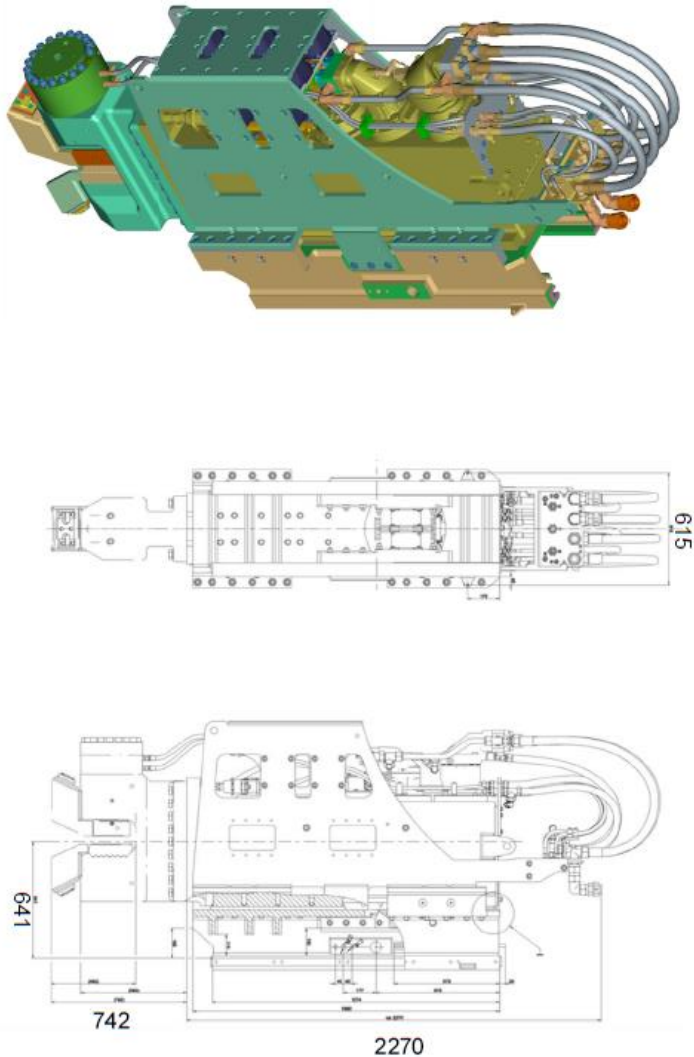


Liebherr Foundation Equipment

High frequency vibrator	1100H
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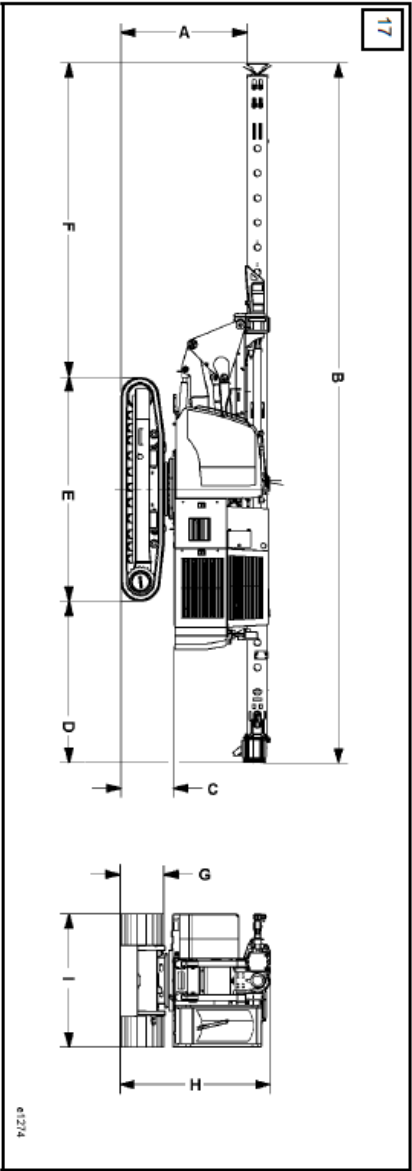
Technical Data:

Centrifugal force	1160kN
Eccentric moment	0-20kgm
Oscillation frequency	38.4Hz /2300rpm
Pulling force	200kN
Weight without clamping device	3200kg
Weight (dynamic)	2980kg
Volume input	634l/min
Working pressure	350bar



2.8 Technical data

2.8.1 Dimensions and transport weight

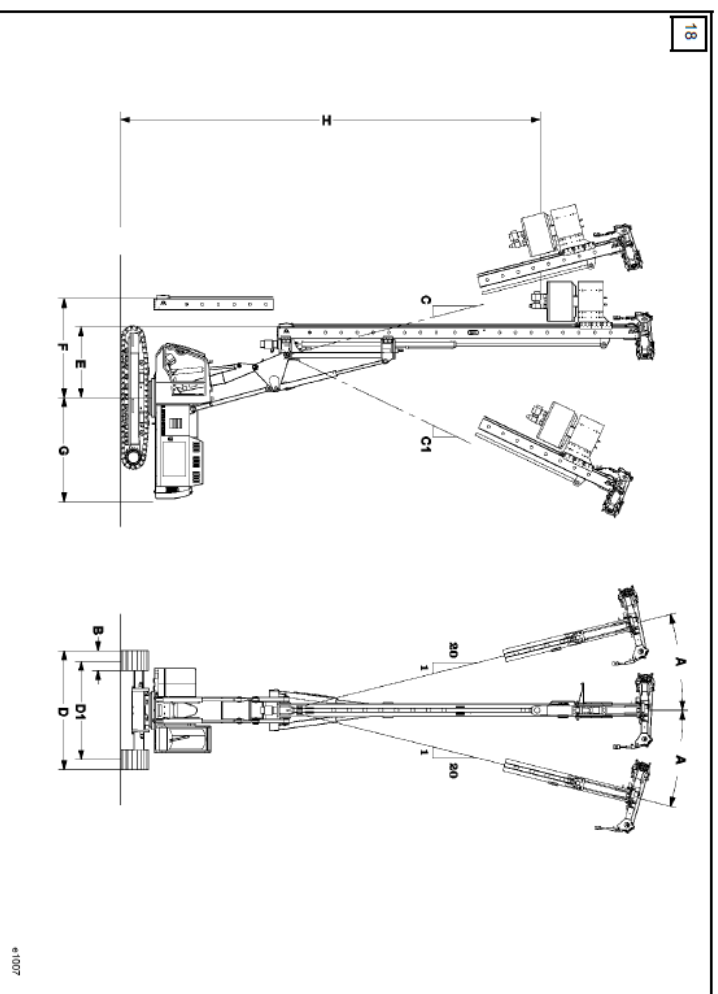


Transport weight with telescopic undercarriage 45 t [99200 lbs]
- with piling and drilling unit and auxiliary winch,
- with 3.9 t [8600 lbs] ballast
- with 1.4 t [3086 lbs] additional ballast,
- without kelly jib, 1.1 t [2400 lbs],
- without piling and drilling equipment,
- without special equipment (options).

Transport weight with standard undercarriage 41 t [90400 lbs]

A	Height to underside of lead	2850 mm [9 ft 4.2 inch]
B	Overall length with auxiliary winch *	15848 mm [51 ft 12 inch]
C	Height to underside of superstructure	1219 mm [3 ft 12 inch]
D	Overhang behind the travel gear	3662 mm [12 ft]
E	Length of travel gear	5077 mm [16 ft 8 inch]
F	Overhang in front of travel gear	7110 mm [23 ft 4 inch]
G	Height of travel gear	985 mm [3 ft 3 inch]
H	Transport height	3400 mm [11 ft 2 inch]
I	Transport width	3000 mm [9 ft 10 inch]

2.8.2 Machine in working mode



A Maximum lead inclination, left/right	2.8 ° (20:1)
B Crawler carriers	700 mm [28 inch]
C Maximum lead inclination, forwards	9.5 ° (1:6)
C1 Maximum lead inclination, backwards	19 ° (1:3)
D Width of undercarriage with 700 mm [28 inch] track pads	3000 mm [9 ft 10.1 inch]
Standard undercarriage	4200 mm [13 ft 9.3 inch]
Telescopic undercarriage	4200 mm [13 ft 9.3 inch]
D1 Working track, central	2300 mm [7 ft 6.5 inch]
Standard undercarriage	3500 mm [11 ft 5.8 inch]
Telescopic undercarriage	2500 mm [8 ft 2.4 inch]
E Outreach from rotation axis to front edge of lead in inner position	4700 mm [15 ft 5 inch]
F Outreach from rotation axis to front edge of lead in outermost position	3640 mm [11 ft 11 inch]
G Slewing range (radius)	17400 mm [57 ft 1 inch]
H Maximum working height during vibrator operation	17400 mm [57 ft 1 inch]

2. PRODUCT DESCRIPTION

2.8.3 Key data

Machine type	LRB 125
Lead model	4044
Lead type	Box lead
Lead length	15 m [49 ft 3 inch]
Working load of pile hammer including hood and pile	12 t [26455 lbs]
Maximum pile hammer weight	6 t [13227 lbs]
Maximum pile weight	6 t [13227 lbs]
Maximum pulling force	200 kN [44090 lbs]
Maximum pressing force	150 kN [33060 lbs]
Maximum torque	120 kNm [88500 ft.lbs]
Continuously adjustable inclination of lead	
Transverse inclination	+/- 1:20
Forward inclination	1:6
Backward inclination	1:3
Lead height adjustment	
Lead above ground (depending on outreach)	5 m [16 ft 4.8 inch]
Slewing range of lead	+/- 90°
Permitted angle of inclination (driving along slope) **	10°
Permitted angle of inclination (driving across slope) **	3°
** Set lead vertically	
Permitted wind speed when working with the machine	20 m/s [45 mph]