Technical Data
Hydraulic lift crane

LR 1280
Litronic®

Basic machine with undercarriage

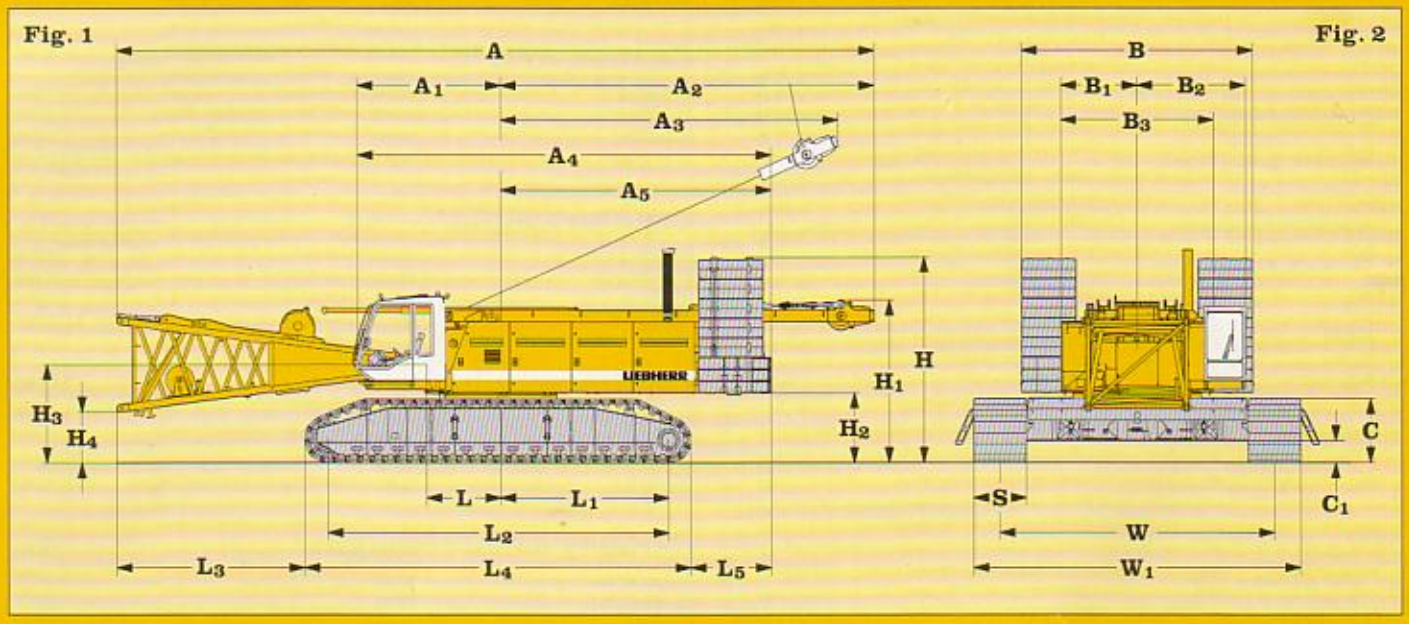


Fig. 1: Dimensions in — m

A	Overall length of superstructure with lowered A-frame and boom foot	17400
A_1	Centre of rotation – front edge of cabin	3400
A_2	Tail swing – lowered A-frame	8560
A_3	Max. tail swing – A-frame in working position	7750
A_4	Length of superstructure	9600
A_5	Centre rotation – rear counterweight	6200
H	Height over counterweight	4700
H_1	Height over lowered A-frame	3840
H_2	Ground clearance of superstructure	1600
H_3	Ground clearance of boom foot pivot	2250
H_4	Ground clearance of horizontal boom foot	1160
L	Centre of rotation – boom foot pivot	1700
L_1	Centre of rotation – centre of tumbler	3950
L_2	Wheel base (centre idler to centre tumbler)	7890
L_3	Distance from edge of horizontal boom foot to crawler	4360
L_4	Length of crawlers	9020
L_5	Distance between rear end of crawler and outside of counterweight	1625

Fig. 2: Dimensions in — m

B	Width of counterweight	5480
B_1	Centre of rotation – outside of superstructure	1750
B_2	Centre of rotation – outside of cabin in working position	2500
B_3	Width of superstructure	3500
C	Height of crawlers	1460
C_1	Ground clearance of undercarriage	500
S	Width of track shoes	1200
W	Track width of undercarriage	6300
W_1	Width of undercarriage	7500

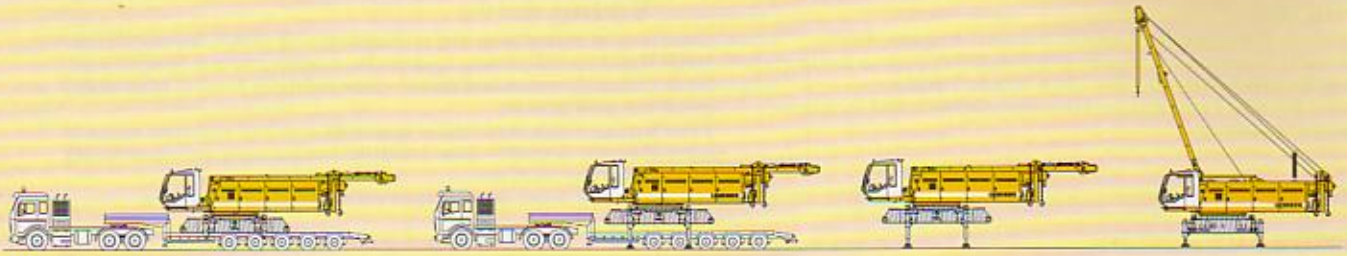
Operating weight and ground pressure

The operating weight includes the basic machine with crawlers, 1200 mm flat pads, 2 main winches 15 t and 20 m main boom (No. 2220.xx) consisting of A-frame, boom foot (7 m), boom head (7 m), boom extension (6 m) 85.5 t basic counterweight and 36 t carbody counterweight and 300 t hook block.

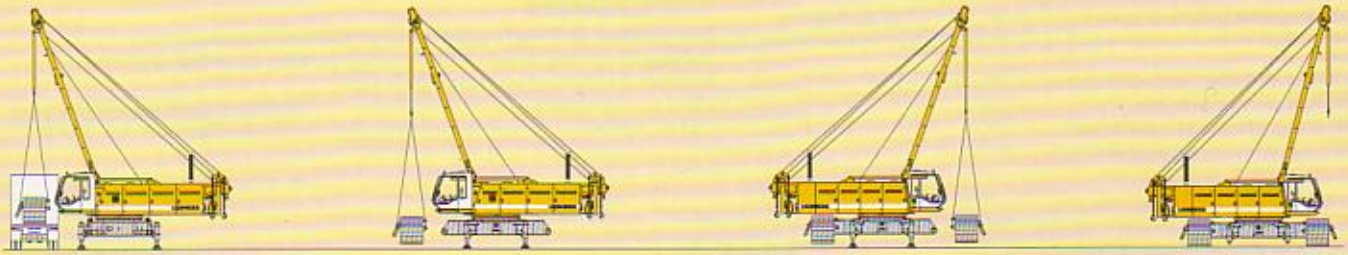
Total Weight	224.4 t
Ground bearing pressure	1.18 kg/cm²

LIEBHERR

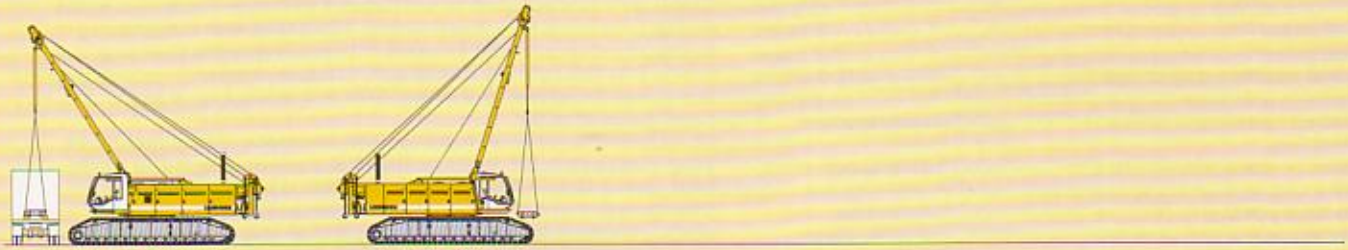
The Better Machine



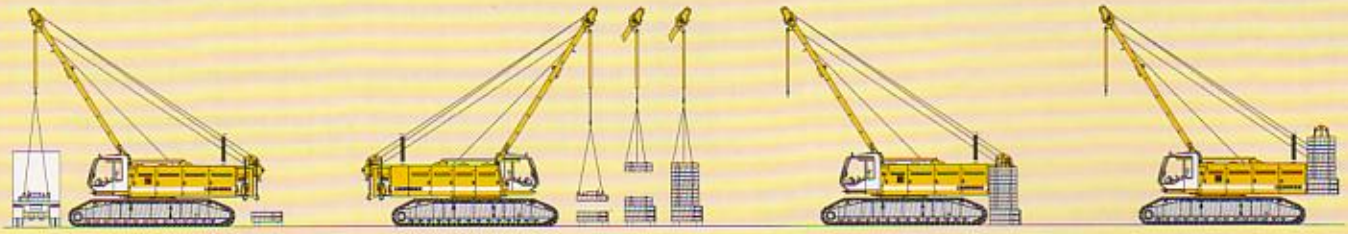
Unloading of basic machine



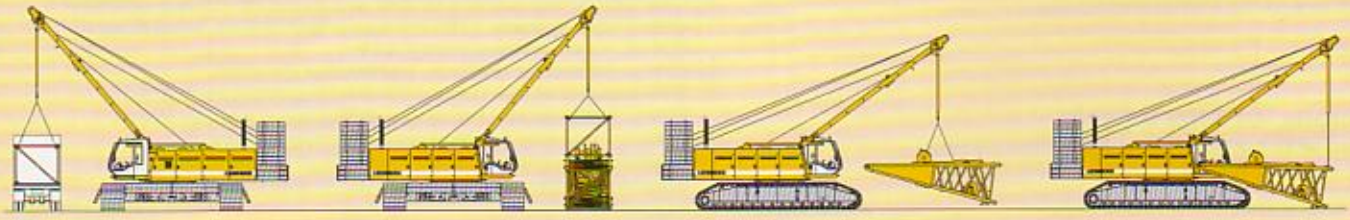
Unloading and assembly of crawlers



Unloading and assembly of carbody counterweight

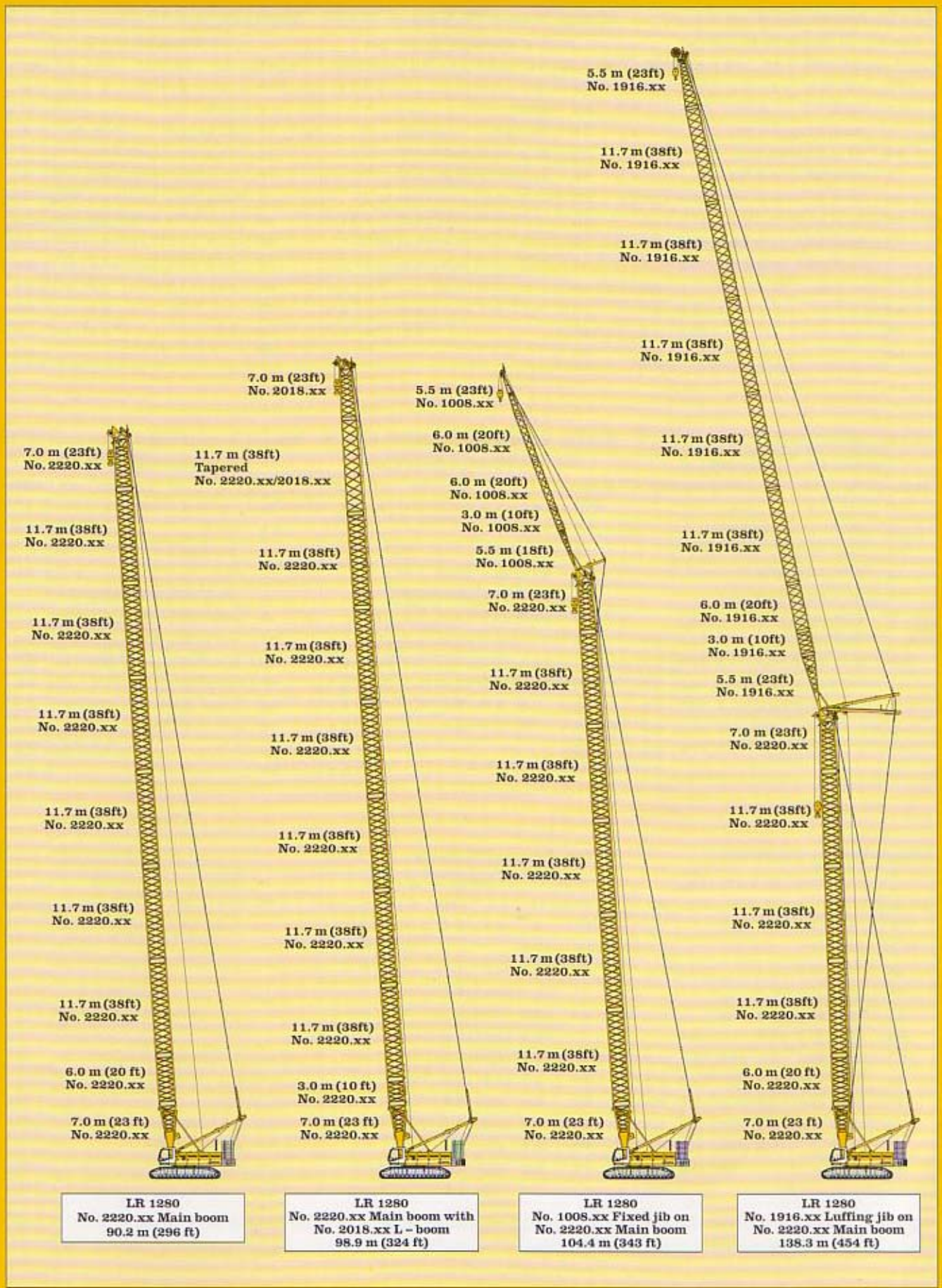


Unloading and assembly of counterweight



Unloading and assembly of boom – Assembly of boom foot

Self assembly system



Boom combinations