

MC 96

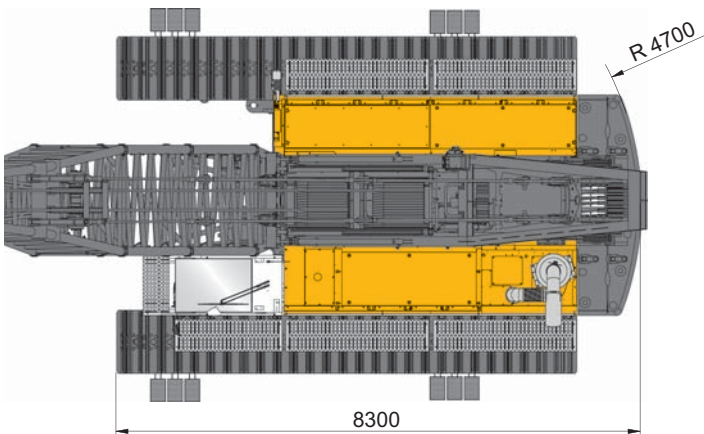
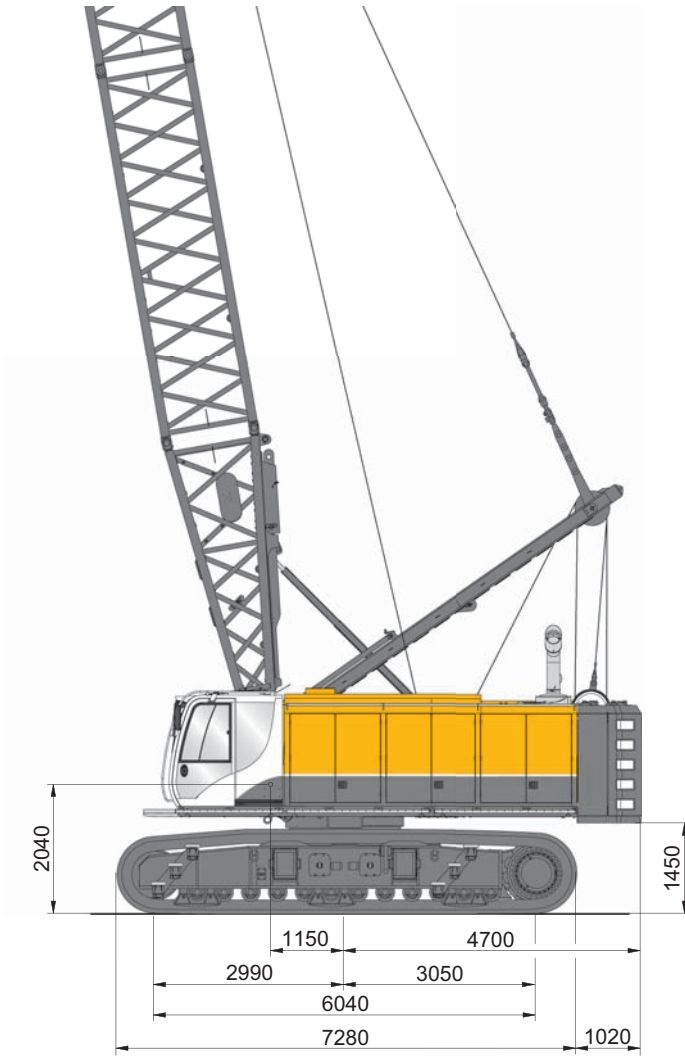
Duty-cycle crane

MC Line

Energy-Efficient
Power **EEP**



Dimensions basic machine



Operating weight

with HD undercarriage, 1,000-mm triple-grouser track shoes, uppercarriage with 2 winches and wire ropes, 30 t basic counterweight

18.4 m basic boom including A-frame, boom hoist, roller block, hoist rope, boom foot, boom section 6 m, boom head, pendants and roller head, 130 t hook block

Total weight

approx. 120 t

Technical specifications

Engine

CAT diesel engine	C 18
Output	570 kW
Engine RPM	1,800 rpm
Diesel tank volume	1,250 l
Exhaust Emission Standard	EPA/CARB Tier 2

Option:

CAT diesel engine	C 18
Output	563 kW
Engine RPM	1,800 rpm
Diesel tank volume	1,250 l
Exhaust Emission Standard	EPA/CARB Tier 4 final

Hydraulic system

Modern, high-performance hydraulic system with energy-saving flow control on demand and power management system in multiple-circuit technology

Flow rates

Main circuits for duty-cycle applications	2 x 430 l/min
Winch circuits	2 x 400 l/min
Additional circuit	1 x 328 l/min
Swing-gear circuit	1 x 204 l/min

Hydraulic working pressure	320 bar
Hydraulic tank capacity	1,000 liter

- Closed circuits for the winches
- Open hydraulic circuits for additional consumption (optionally)
- Closed hydraulic-system for swing gear
- Additional gear pumps for cooler and controlling systems
- Electro-hydraulic load sensing control
- Hydraulic oil cleaning by pressure and return pipe filter, leak oil filter, and press filter in pre control system
- Cooling system with high power reserve for working under permanent load even in difficult climate conditions

Swing gear

Slew ring driven by axial piston motor and planetary gear

- Slewing and dynamic braking in closed circuit for a sensitive control
- Rotation speed is pre-adjustable in steps up to 3 rpm
- Hydraulically activated multiple disk hold brake
- Super size life ring slew ring, teethed outside
- Low-maintenance slew gear

Load hoist assemblies

Hoisting winches, powered by controlled hydraulic adjustable motors via integrated planetary gears

Main winch 1	250 / 250 kN	350 / 350 kN
Rope capacity		
1 st layer	50 m	39.3 m
1 st + 2 nd layer	112 m	99 m
Rope diameter	32 mm	36 mm
Winch drum diameter	800 mm	836 mm
Line speed	80 m/min	65 m/min

- Depth control via incremental indicator/absolute sensor
- Load measurement and slack-rope protection
- Hoist limit switch

Boom hoist assembly

Adjustments via boom hoist winch

Line pull of boom hoist winch	approx. 160 kN
Rope diameter	22 mm

Uppercarriage

Modular, torsion-proof, processed precision welding construction, dimensioned for high permanent load, pre-equipped for additional applications

- Variable counterweight conception, easy mounting system for facile transportation
- Spot lights (4 no.) on superstructure
- Walkways in front and on side of the cab
- Excellent access for service works to all main components

Standard counterweight (three parts)	2 x 12.5 t + 5.0 t
Add-on counterweight	2 x 2.5 t
Counterweight extendable	max. 45 t

Undercarriage

Rigid fully hydraulic crawler undercarriage with adjustable tracks

Type	UW 195 AC
Travel speed	approx. 1.5 km/h
Crawler type	B 9 S
Track shoe width	1,000 mm
Track width (retracted/extended)	2,980 / 4,310 mm
Crawler width (retracted/extended)	3,980 / 5,310 mm
Crawler length	7,280 mm

- Access ladder at the crawler (4 pcs.)

Technical specifications

Control

- PLC control with electric – proportional pre-control for high adaptable operation
- Clearly arranged control board for operation functions at the right hand side
- B-TRONIC electronic monitoring-, control- and visualization system
 - Big sized, highly luminous and non-glare LCD color display screen
 - Clearly arranged screen display of the relevant machine and applications' parameters
 - Optimal positioning of the screen by individual adjustment system
- 2 joysticks at the operator seat for all functions or double-T stick for rope grab operation
- Two foot pedals for control of undercarriage

Lattice boom

High quality lattice boom made of thick walled boom tubes, designed for long-term dynamic loading in special foundation

- Basic boom is consisting of A-frame, hoist winches, hoist rope, boom foot
- Boom is designed for Bauer hose drum system
- Boom extension and boom head

Operator's cab

- Comfort operator cab, FOPS certified
- Resiliently mounted, with exceptional sound suppression
- Excellent all-round visibility
- All weather design with safety glass
- Front windshield made of laminated safety glass
- Tinted glass except front glass
- Sliding door with sliding window
- Large-size skylight window
- Wiper/washer system for front windscreen and skylight.
- Sun-blind
- Ergonomically designed comfortable seat
 - Weight and height adjustable
 - Inclination adjustable
 - Horizontal slidable
 - Headrest and adjustable armrests
- Infinitely variable cab heating system
- Air conditioning system
- First aid kit at operator's seat
- Radio with CD-player in operator's cabin

Energy-Efficiency-Package (EEP)



The EEP contains the following modifications:

- Variable and intelligent cooler and fan control
- Reduction in flow rate losses as a result of optimized hydraulic components
- Smart eco mode for diesel engine
- Closed circuits for main winch gears

Optional equipment

- Free fall winches with oil cooled multi disc brake and clutch
- Foot pedals for control of freefall brake, pre-selectable secured or unsecured mode
- Rope pressure rollers for main winches (only with 25 t winches)
- Winch synchronization for main winches
- Electronic load moment limiter for liftcrane operation, user interface (integrated in B-Tronic)
- Different catheads for various applications
- Front windscreen with ventilation position stows under the roof
- Set of ropes for different applications
- Hydraulic and electronic equipment kits for various applications such as cutter system, two rope grabs, hanging leaders, deep vibrators and rotary heads.
- Quick connection system for the crawlers with hydraulic quick couplings, assembling tool and lifting gear
- Winch drum Nr 3, as auxiliary winch
- Fully hydraulic cylinders for self-lowering and mounting counterweight, individually controllable
- Automatic climate control
- Cab heater with timer
- Electric fuel pump for diesel tank
- Helicopter warning light
- Bauer GCS (universal measurements with data recording for grabs)
- Central lubrication system
- Additional counterweight for various types of applications (2 x 5.0 t or 3 x 5.0 t)
- Adapter on undercarriage for Bauer casing oscillator
- Rear-view camera or winch control camera
- Walkways at both sides of uppercarriage
- Access ladder to superstructure
- Stone guard cabin protection
- Special color on customer request
- Jack-up system for dismantling the crawlers
- Undercarriage UW 195 BC for casing oscillator with big borehole diameters more than \varnothing 2500 mm
- Sunroof system for various types of applications
- Working at height system for boom walkway (patent pending)
- Hydraulic counterweight-safety device
- On top safety rails – uppercarriage
- Working at height package with rails
- Swing angle indicator
- Rope-fix point with overload protection

Various multi-purpose applications

Duty-cycle mode

for 2-rope grab operation with mechanical grabs
with pounders for dynamic compaction in automatic mode (BDC)

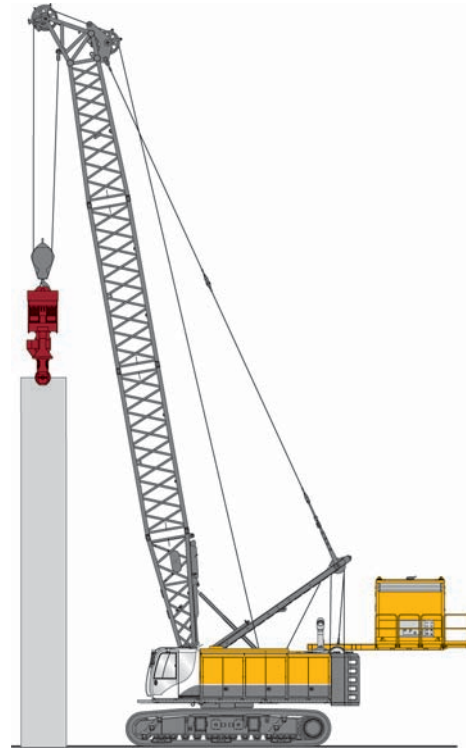
Lifting mode

Base carrier for hydraulic diaphragm wall grab, together with hydraulic hose handling system and grab turning device
for cased bored piles in combination with a grab and a casing oscillator
for Bauer deep vibrators TR 75 which are hydraulically supplied by the power station of the crane
for various alternatives of vibratory pile drivers with additional power pack mounted at rear (power pack optional)
for Bauer cutters with different types of hose handling systems
for Bauer Flydrill with hydraulic (on) board supply

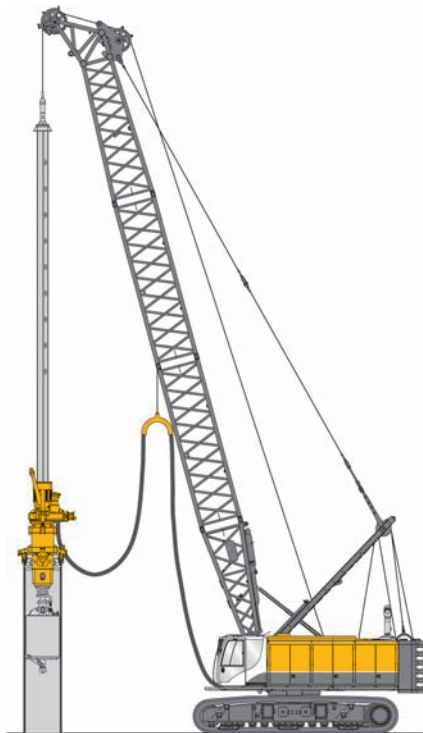
Base machine for hanging leader BL 35 applications for mounting

Hydraulic hammers
Diesel hammers
Rotary drives of various types
Stone column vibrators

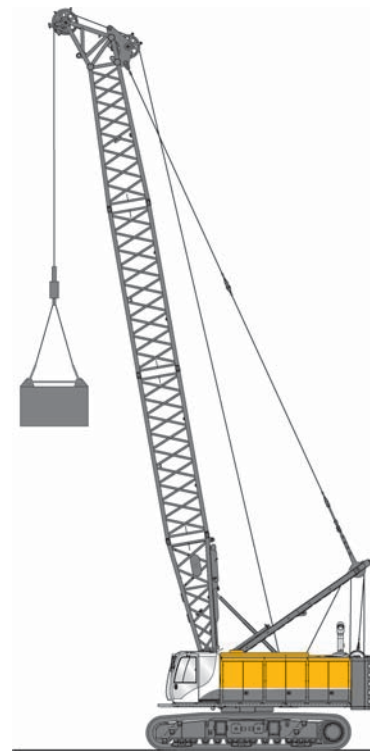
The above processes may require partial retrofit kits as well as additional optional equipment



Vibratory pile drivers with power pack



Flydrill



Bauer Dynamic Compaction (BDC)

Duty-cycle operation

Load chart Boom length of 18.4 up to 36.4 m, 250 kN / 350 kN winches, loads in metric tons

with 30 t Counterweight

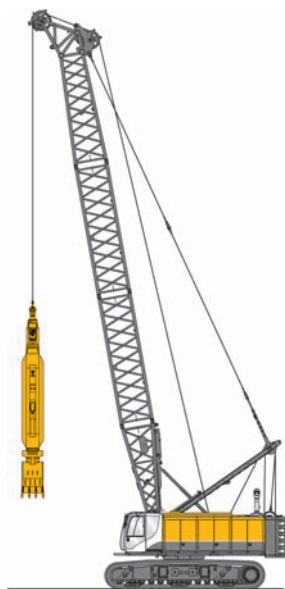
with 40 t Counterweight

with 45 t Counterweight

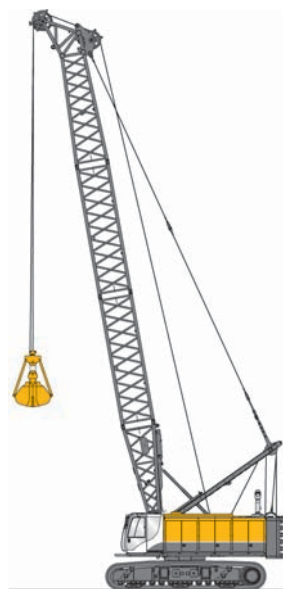
Radius (m)	Boom length (m)																				
	18.4		21.4		24.4		27.4		30.4		33.4		36.4								
6.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	
7.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	52.5	53.0	53.0	50.8	53.0	53.0	48.3	53.0	53.0	46.8	53.0	53.0	
8.0	44.4	52.7	52.5	43.8	52.1	53.0	43.1	51.4	53.0	42.4	50.7	53.0	41.6	49.9	52.5	40.0	48.8	51.1	39.1	47.1	49.6
9.0	37.1	44.2	47.8	36.5	43.6	47.2	35.9	43.0	46.5	35.2	42.3	45.9	34.5	41.6	45.1	33.8	40.9	44.4	33.0	40.1	43.6
10.0	31.7	37.9	41.0	31.2	37.3	40.4	30.6	36.7	39.8	29.9	36.1	39.2	29.3	35.4	38.5	28.6	34.7	37.8	27.8	34.0	37.1
11.0	27.5	33.0	35.7	27.0	32.5	35.2	26.4	31.9	34.7	25.8	31.3	34.0	25.2	30.7	33.4	24.5	30.0	32.7	23.8	29.3	32.0
12.0	24.2	29.1	31.6	23.7	28.6	31.1	23.2	28.1	30.5	22.6	27.5	30.0	22.0	26.9	29.3	21.3	26.2	28.7	20.7	25.6	28.0
13.0	21.5	26.0	28.2	21.0	25.5	27.7	20.5	25.0	27.2	19.9	24.4	26.6	19.3	23.8	26.0	18.7	23.2	25.4	18.1	22.5	24.8
14.0	19.3	23.3	25.4	18.8	22.9	24.9	18.3	22.4	24.4	17.7	21.8	23.9	17.2	21.2	23.3	16.6	20.6	22.7	16.0	20.0	22.1
15.0	17.4	21.1	23.0	16.9	20.7	22.5	16.4	20.2	22.1	15.9	19.6	21.5	15.3	19.1	21.0	14.8	18.5	20.4	14.2	17.9	19.8
16.0	15.7	19.2	21.0	15.3	18.8	20.5	14.8	18.3	20.1	14.3	17.8	19.5	13.8	17.2	19.0	13.2	16.7	18.4	12.6	16.1	17.8
17.0				13.9	17.1	18.8	13.4	16.7	18.3	12.9	16.2	17.8	12.4	15.7	17.3	11.8	15.1	16.7	11.3	14.5	16.1
18.0				12.7	15.7	17.2	12.2	15.3	16.8	11.7	14.8	16.3	11.2	14.3	15.8	10.7	13.7	15.2	10.1	13.2	14.7
19.0				11.6	14.5	15.9	11.2	14.0	15.5	10.7	13.5	15.0	10.2	13.0	14.5	9.6	12.5	13.9	9.1	12.0	13.4
20.0				10.7	13.4	14.7	10.2	12.9	14.3	9.7	12.4	13.8	9.3	12.0	13.3	8.7	11.4	12.8	8.2	10.9	12.2
21.0							9.4	12.0	13.2	8.9	11.5	12.7	8.4	11.0	12.3	7.9	10.5	11.7	7.4	9.9	11.2
22.0							8.6	11.1	12.3	8.2	10.6	11.8	7.7	10.1	11.3	7.2	9.6	10.8	6.6	9.1	10.3
23.0							8.0	10.3	11.4	7.5	9.8	10.9	7.0	9.3	10.5	6.5	8.8	10.0	6.0	8.3	9.4

Notes:

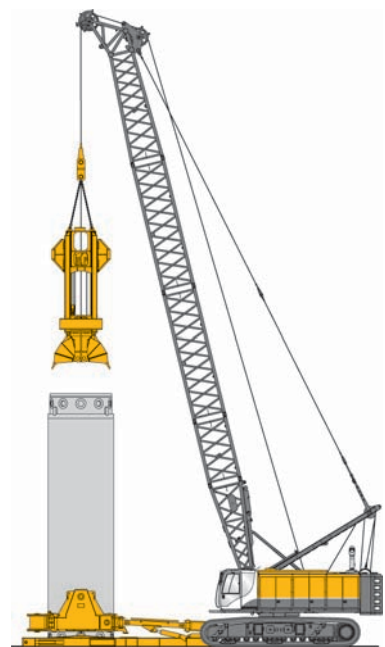
1. The rated loads are maximum values and shall not be exceeded.
2. The rated loads are valid for planar, firm plane.
3. The rated loads are valid for 360° swing angle.
4. The rated loads are valid for maximum undercarriage track width.
5. The rated loads do not exceed 75 % of tilting load.
6. Self-weight of lifting accessories and ropes are part of the allowable total load.
7. It has to be ensured, that no single winch is overloaded, when the allowable line pull of one winch is exceeded during lifting operation.
8. During operation with a mechanical 2-rope grab the maximum line pull of one single winch – considering the rope layer – must not be exceeded.
9. All values are for information only. For effective values please refer to the Instruction manual.



Diaphragm wall grab

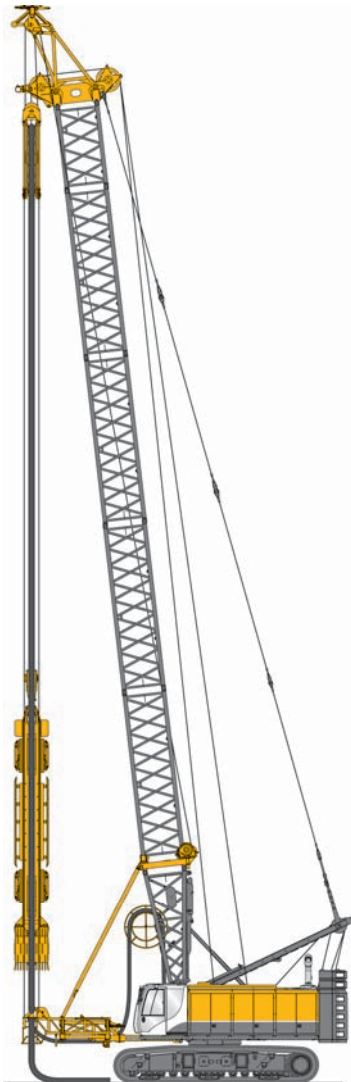


2-rope grab



Grab and casing oscillator

Equipment with Trench cutter BC



Hose tensioning system HTS, turnable

HTS 46/36

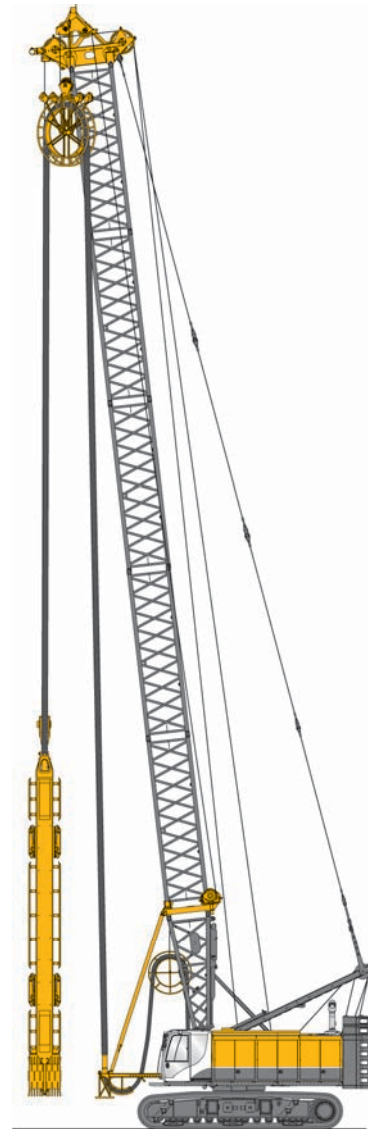
Cutting depth, max.	non rotated	46 m
	rotated	36 m
Cutter weight, max.		45 t

HTS 58/48

Cutting depth, max.	non rotated	58 m
	rotated	48 m
Cutter weight, max.		38 t

HTS 69/60

Cutting depth, max.	non rotated	69 m
	rotated	60 m
Cutter weight, max.		32 t



Hose tensioning system HTS

HTS 60

Cutting depth, max.	60 m
Cutter weight, max.	38 t

Notes:

1. The rated loads are valid for planar, firm plane.
2. The rated loads are valid for 360° swing angle.
3. The rated loads are valid for maximum undercarriage track width.
4. The rated loads do not exceed 75 % of tilting load.
5. A maximum wind speed of 20 m/s is considered.
6. A rotation momentum for a rotation speed of 1 rpm of the upper carriage is considered.
7. When the machine is not in operation it must stand on planar, firm ground and the cutter has to be seated on the ground.
8. Total cutter weight includes weight of cutter, guide frame and hook block.
9. For calculating of the stability angle the center of gravity of the cutter is assumed at a max. height of 4.5 m.
10. All values are for information only. For effective values please refer to the Instruction manual.

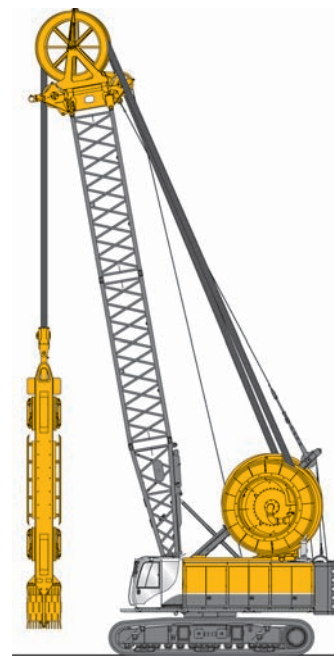
Equipment with Trench cutter BC



Hose drum system HDS

HDS 100 T / HDS 120 T

Cutting depth, max. 120 m
Cutter weight, max. 54 t



Hose drum system HDS

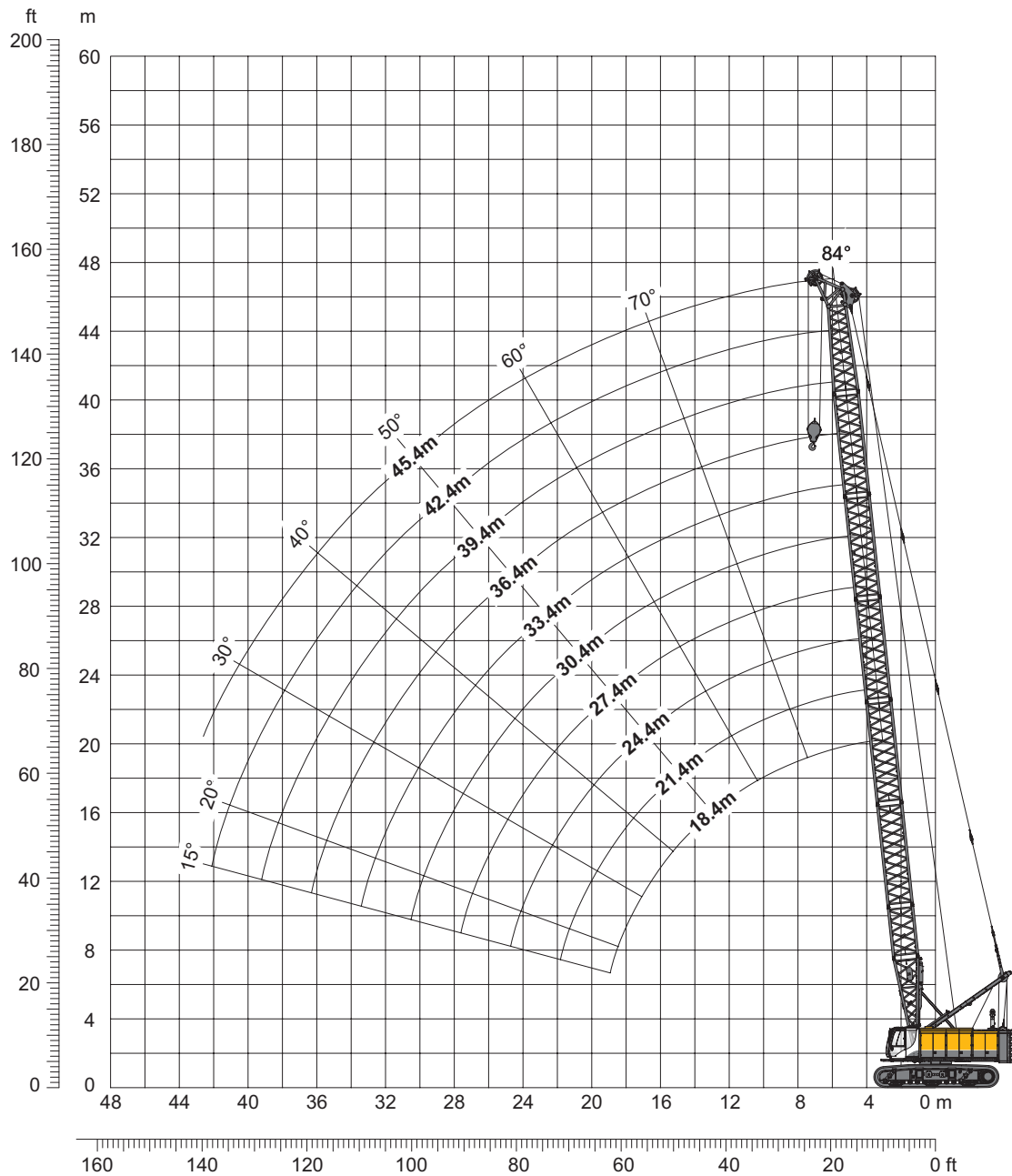
HDS 100 / HDS 120

Cutting depth, max. 120 m
Cutter weight, max. 54 t

Notes:

1. The rated loads are valid for planar, firm plane.
2. The rated loads are valid for 360° swing angle.
3. The rated loads are valid for maximum undercarriage track width.
4. The rated loads do not exceed 75 % of tilting load.
5. A maximum wind speed of 20 m/s is considered.
6. A rotation momentum for a rotation speed of 1 rpm of the upper carriage is considered.
7. When the machine is not in operation it must stand on planar, firm ground and the cutter has to be seated on the ground.
8. Total cutter weight includes weight of cutter, guide frame and hook block.
9. For calculating of the stability angle the center of gravity of the cutter is assumed at a max. height of 4.5 m.
10. All values are for information only. For effective values please refer to the Instruction manual.

Lifting operation



Boom configurations

	Length (m)	Boom total length (m)											
		12.4	15.4	18.4	21.4	24.4	27.4	30.4	33.4	36.4	39.4	42.4	45.4
Boom foot	5.6	1	1	1	1	1	1	1	1	1	1	1	1
Boom section	3.0		1		1		1		1		1		1
Boom section	6.0			1	1	2	2	3	3	4	4	5	5
Upper boom section	6.8	1	1	1	1	1	1	1	1	1	1	1	1

Lifting operation – Load chart

30 t counterweight, boom length of 18.4 up to 39.4 m, 250 kN / 350 kN winches, loads in metric tons

Radius (m)	Boom length (m)							
	18.4	21.4	24.4	27.4	30.4	33.4	36.4	39.4
4.0	104.2							
4.3		95.3						
4.6			85.1					
4.8				75.0				
5.0	85.0	80.6	76.3	72.5				
5.1					66.9			
5.4						59.9		
5.7							54.1	
6.0	67.5	64.5	61.5	58.8	56.1	53.5	51.3	49.0
7.0	55.7	53.4	51.2	49.1	47.0	44.9	43.2	41.4
8.0	47.2	45.4	43.6	41.8	40.2	38.5	37.0	35.5
9.0	39.8	39.2	37.7	36.3	34.8	33.4	32.1	30.8
10.0	33.9	33.7	33.1	31.8	30.6	29.3	28.2	27.0
11.0	28.8	29.2	28.9	28.2	27.1	25.9	24.9	23.9
12.0	25.7	25.6	25.3	25.0	24.2	23.1	22.2	21.2
13.0	22.8	22.6	22.3	22.0	21.7	20.7	19.9	19.0
14.0	20.3	20.1	19.9	19.5	19.2	18.6	17.9	17.0
15.0	18.3	18.0	17.8	17.5	17.1	16.7	16.1	15.3
16.0	16.5	16.3	16.0	15.7	15.4	14.9	14.6	13.8
17.0	14.9	14.7	14.5	14.1	13.8	13.4	13.1	12.5
18.0	13.5	13.3	13.1	12.8	12.4	12.0	11.7	11.3
19.0	12.2	12.1	11.9	11.6	11.2	10.8	10.5	10.1
20.0		11.1	10.8	10.5	10.2	9.8	9.4	9.0
21.0		10.1	9.9	9.5	9.2	8.8	8.5	8.1
22.0		9.0	9.0	8.7	8.4	8.0	7.6	7.2
23.0			8.2	7.9	7.6	7.2	6.9	6.4
24.0			7.5	7.2	6.9	6.5	6.1	5.7
25.0			6.8	6.5	6.2	5.8	5.5	5.1
26.0				5.9	5.6	5.2	4.9	4.5
27.0				5.3	5.1	4.7	4.3	3.9
28.0					4.6	4.2	3.8	3.4
29.0					4.1	3.7	3.4	3.0
30.0					3.6	3.2	2.9	2.5
31.0						2.8	2.5	2.1
32.0						2.4	2.1	1.7
33.0						2.0	1.8	1.4
34.0							1.4	1.0
35.0							1.1	

Notes:

1. The rated loads are determined acc. to EN 13000.
2. The rated loads are valid for planar, firm plane.
3. The rated loads are valid for 360° swing angle.
4. The rated loads are valid for maximum undercarriage track width.
5. Steel structures are designed acc. to EN 13000.
6. Self-weight of lifting accessories and ropes are part of the allowable total load.
7. When travelling with load on uneven, soft or inclined ground, the rated load has to be reduced.
8. All values are for information only. For effective values please refer to the Instruction manual.

Lifting operation – Load chart

40 t counterweight, boom length of 18.4 up to 42.4 m, 250 kN / 350 kN winches, loads in metric tons

Radius (m)	Boom length (m)								
	18.4	21.4	24.4	27.4	30.4	33.4	36.4	39.4	42.4
4.0	130.0								
4.3		101.6							
4.6			93.0						
4.8				85.0					
5.0	92.1	89.6	86.8	83.1					
5.1					76.8				
5.4						69.9			
5.7							63.8		
6.0	77.6	75.2	72.4	69.2	66.2	63.3	60.7	57.6	
6.3									52.8
7.0	65.6	63.0	60.4	58.0	55.7	53.4	51.4	49.3	47.4
8.0	55.7	53.7	51.6	49.7	47.8	45.9	44.2	42.5	40.9
9.0	47.2	46.5	44.8	43.2	41.6	40.0	38.6	37.1	35.7
10.0	40.4	40.3	39.5	38.1	36.7	35.3	34.0	32.8	31.5
11.0	35.1	35.0	34.7	33.9	32.6	31.4	30.3	29.1	28.0
12.0	30.9	30.4	30.5	30.2	29.3	28.1	27.1	26.1	25.0
13.0	27.4	27.1	27.0	26.7	26.4	25.3	24.4	23.5	22.5
14.0	24.5	24.4	24.2	23.8	23.5	23.0	22.1	21.2	20.3
15.0	22.2	22.0	21.8	21.4	21.1	20.7	20.1	19.2	18.4
16.0	20.1	19.9	19.7	19.3	19.0	18.6	18.3	17.5	16.7
17.0	18.3	18.1	17.9	17.5	17.2	16.8	16.5	15.9	15.2
18.0	16.7	16.6	16.3	16.0	15.7	15.2	14.9	14.5	13.8
19.0	15.3	15.2	14.9	14.6	14.3	13.8	13.5	13.1	12.6
20.0		13.9	13.7	13.3	13.0	12.6	12.3	11.9	11.5
21.0		12.8	12.6	12.2	11.9	11.5	11.2	10.8	10.4
22.0		11.6	11.6	11.2	10.9	10.5	10.2	9.8	9.4
23.0			10.6	10.3	10.0	9.6	9.3	8.9	8.5
24.0			9.8	9.5	9.2	8.8	8.5	8.1	7.7
25.0			9.0	8.7	8.4	8.0	7.7	7.3	6.9
26.0				8.0	7.8	7.4	7.0	6.6	6.2
27.0				7.4	7.1	6.7	6.4	6.0	5.6
28.0					6.5	6.1	5.8	5.4	5.0
29.0					6.0	5.6	5.3	4.8	4.5
30.0					5.4	5.1	4.7	4.3	4.0
31.0						4.6	4.3	3.9	3.5
32.0						4.1	3.8	3.4	3.0
33.0						3.7	3.4	3.0	2.6
34.0							3.0	2.6	2.2
35.0							2.6	2.2	1.9
36.0							2.2	1.9	1.5
37.0								1.5	1.2
38.0								1.2	
39.0								0.9	

Notes:

1. The rated loads are determined acc. to EN 13000.
2. The rated loads are valid for planar, firm plane.
3. The rated loads are valid for 360° swing angle.
4. The rated loads are valid for maximum undercarriage track width.
5. Steel structures are designed acc. to EN 13000.
6. Self-weight of lifting accessories and ropes are part of the allowable total load.
7. When travelling with load on uneven, soft or inclined ground, the rated load has to be reduced.
8. All values are for information only. For effective values please refer to the Instruction manual.

Lifting operation - Load chart

45 t counterweight, boom length of 24.4 up to 45.4 m, 250 kN / 350 kN winches, loads in metric tons

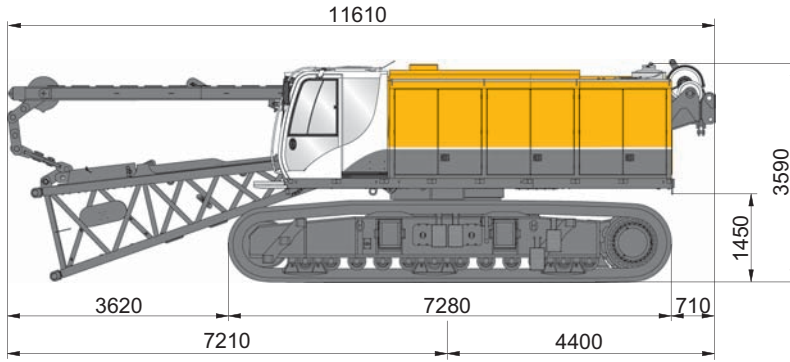
Radius (m)	Boom length (m)							
	24.4	27.4	30.4	33.4	36.4	39.4	42.4	45.4
4.6	96.0							
4.8		87.1						
5.0	89.5	85.2						
5.1			79.1					
5.4				72.1				
5.7					65.8			
6.0	75.7	72.8	70.2	67.1	63.7	59.3		
6.3							54.0	
6.5								50.2
7.0	64.8	62.2	60.0	57.5	55.4	52.9	50.5	47.7
8.0	55.6	53.5	51.5	49.5	47.8	46.0	44.3	41.5
9.0	48.4	46.6	45.0	43.3	41.8	40.3	38.8	36.3
10.0	42.6	41.1	39.7	38.2	36.9	35.6	34.3	32.1
11.0	37.6	36.7	35.4	34.1	32.9	31.7	30.6	28.6
12.0	33.1	32.8	31.8	30.6	29.6	28.5	27.4	25.6
13.0	29.4	29.1	28.8	27.6	26.7	25.7	24.7	23.0
14.0	26.3	26.0	25.7	25.1	24.2	23.3	22.4	20.8
15.0	23.7	23.4	23.1	22.7	22.1	21.2	20.3	18.8
16.0	21.5	21.2	20.9	20.5	20.2	19.3	18.5	17.1
17.0	19.6	19.3	18.9	18.5	18.2	17.7	16.9	15.6
18.0	17.9	17.6	17.3	16.8	16.5	16.1	15.5	14.2
19.0	16.4	16.1	15.8	15.4	15.0	14.6	14.2	12.9
20.0	15.1	14.8	14.5	14.0	13.7	13.3	12.9	11.8
21.0	13.9	13.6	13.3	12.9	12.5	12.1	11.8	10.8
22.0	12.8	12.5	12.2	11.8	11.5	11.1	10.7	9.9
23.0	11.9	11.6	11.2	10.8	10.5	10.1	9.7	8.9
24.0	11.0	10.7	10.4	10.0	9.6	9.2	8.8	8.1
25.0	10.1	9.9	9.6	9.2	8.8	8.4	8.0	7.3
26.0		9.1	8.8	8.4	8.1	7.7	7.3	6.6
27.0		8.4	8.1	7.7	7.4	7.0	6.6	5.9
28.0			7.5	7.1	6.8	6.4	6.0	5.3
29.0			6.9	6.5	6.2	5.8	5.4	4.7
30.0			6.3	6.0	5.7	5.2	4.9	4.2
31.0				5.5	5.1	4.7	4.4	3.7
32.0				5.0	4.7	4.3	3.9	3.3
33.0				4.5	4.2	3.8	3.5	2.8
34.0					3.8	3.4	3.0	2.4
35.0					3.4	3.0	2.6	2.1
36.0					3.0	2.6	2.3	1.7
37.0						2.3	1.9	1.4
38.0						1.9	1.6	1.0
39.0						1.6	1.3	
40.0							1.0	

Notes:

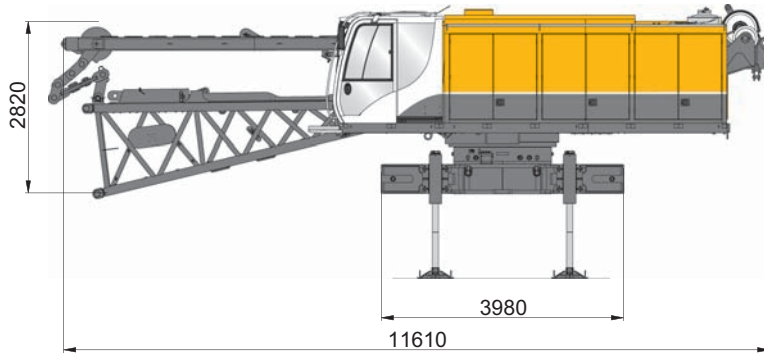
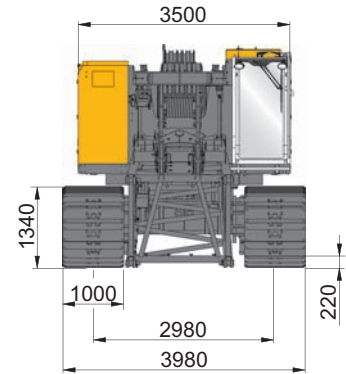
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Transport data

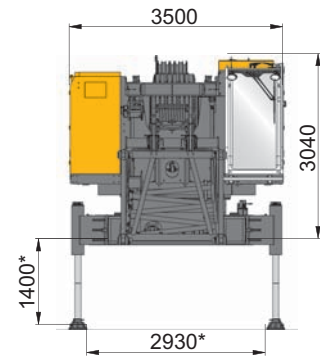
Base machine



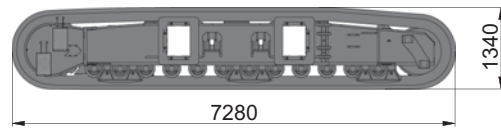
G = 79.3 t with UW 195 AC
G = 82.8 t with UW 195 BC



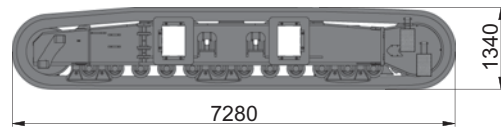
G = 47.9 t with UW 195 AC
G = 50.4 t with UW 195 BC



* Jack-up-System (optional)



Crawler UW 195 AC
G = 2 x 16.5 t



Crawler UW 195 BC
G = 2 x 17.0 t

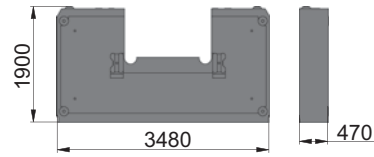
Weight data are approximate

Transport data

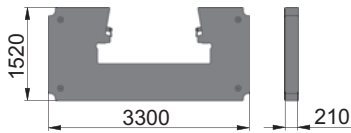
Counterweights



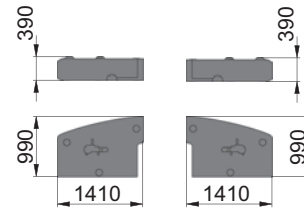
Standard counterweight 1
G = 12.5 t



Standard counterweight 2
G = 12.5 t

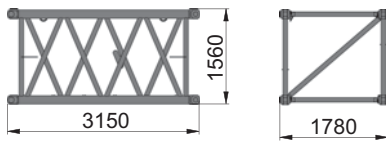


Standard counterweight 3
G = 5.0 t

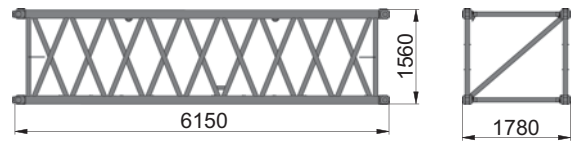


Add-on counterweight
G = 2 x 2.5 t

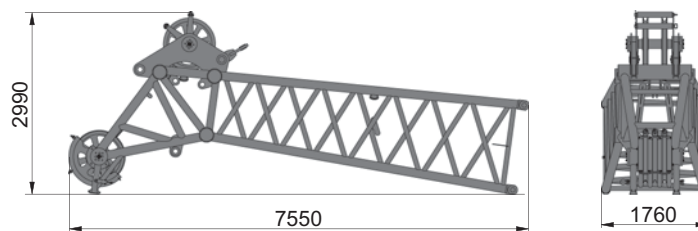
Boom components



Boom section 3 m
G = 1.4 t



Boom section 6 m
G = 2.5 t



Upper boom section
G = 5.0 t

Weight data are approximate



MC Line



bma.bauer.de



BAUER Maschinen GmbH
BAUER-Strasse 1
86529 Schrobenhausen
Germany
Tel. +49 8252 97-0
bma@bauer.de
www.bauer.de

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