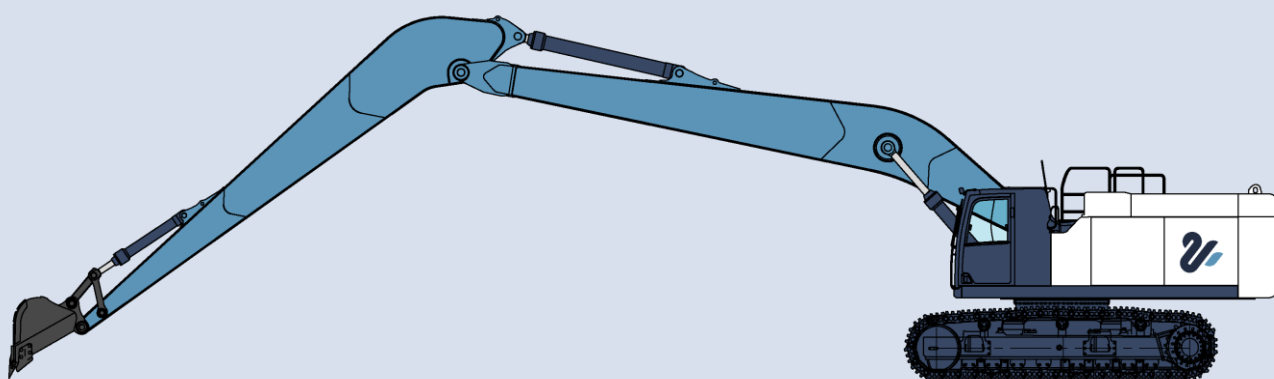




Weight

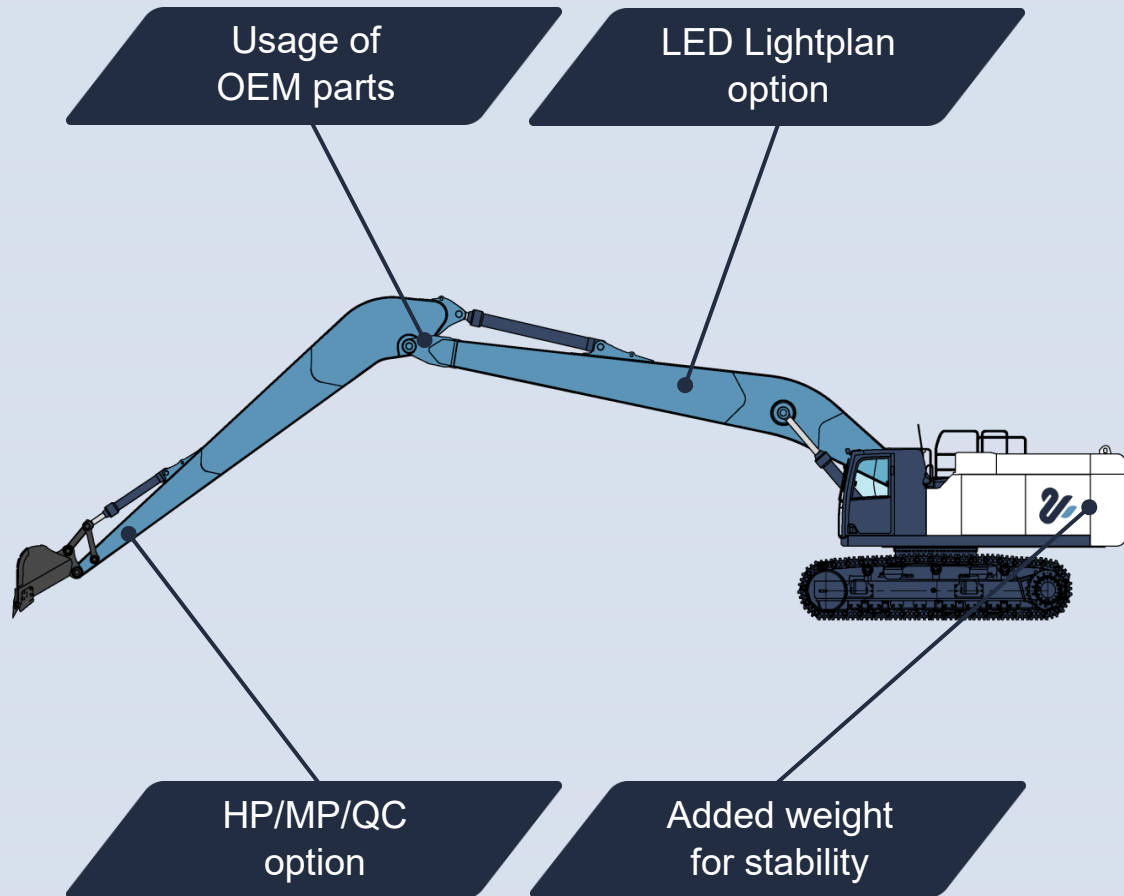
Operation weight:
approximately 77 ~ 100 tons

Working reach / depth

Maximum reach: 20 ~ 25 mtr.
Maximum depth: 14 ~ 19 mtr.

STC LRE

75T | 90T



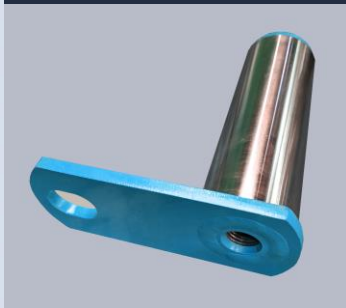
STC LRE

The STC LRE increases the reach of the machine a lot, especially forward and in the depth. It is very suitable for excavation works and profiling and can be used for dredging and underwater works.

Over the last 20 years, STC has optimized the LRE front in design and material.



Usage of OEM parts



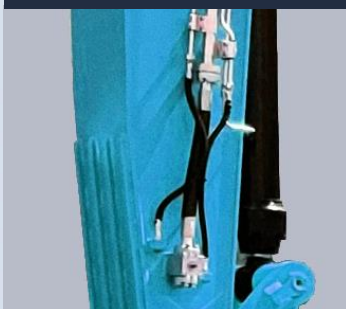
Where possible
OEM pins,
bearings and
cylinders are used

LED Lightplan option



90 Watt LED lights
including heavy
duty protection

HP/MP/QC



Full HP/MP/QC option
possible at stick end

Added weight

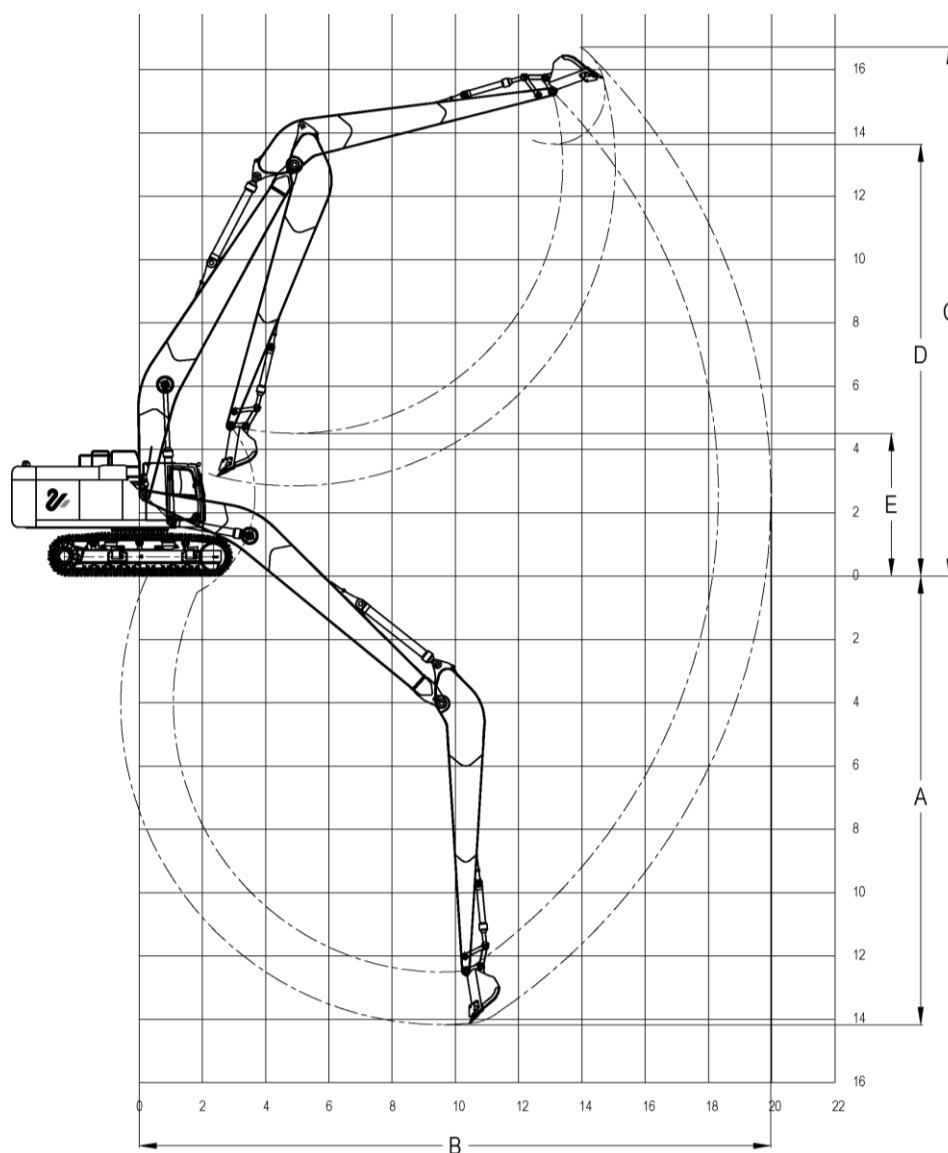


Additional weight
mounted in between
original counterweight



STC LRE

75T & 90T Lineup



Model:	A Max. Reach: mtr.	B Max. Depth: mtr.	C Max. Cutting Height: mtr.	D Max. Loading Height: mtr.	E Min. Loading Height: mtr.	Bucket Radius: mtr.	Counter- weight: Ton
STC 75T	20	14.2	16.7	13.6	4.5	1.66	16.2
STC 75T	25	19.1	19.6	16.6	4.3	1.58	16.2
STC 90T	21.5	15.2	17.4	14.3	4.7	1.66	20.5
STC 90T	25	18.1	20.4	17.4	5.2	1.58	20.5

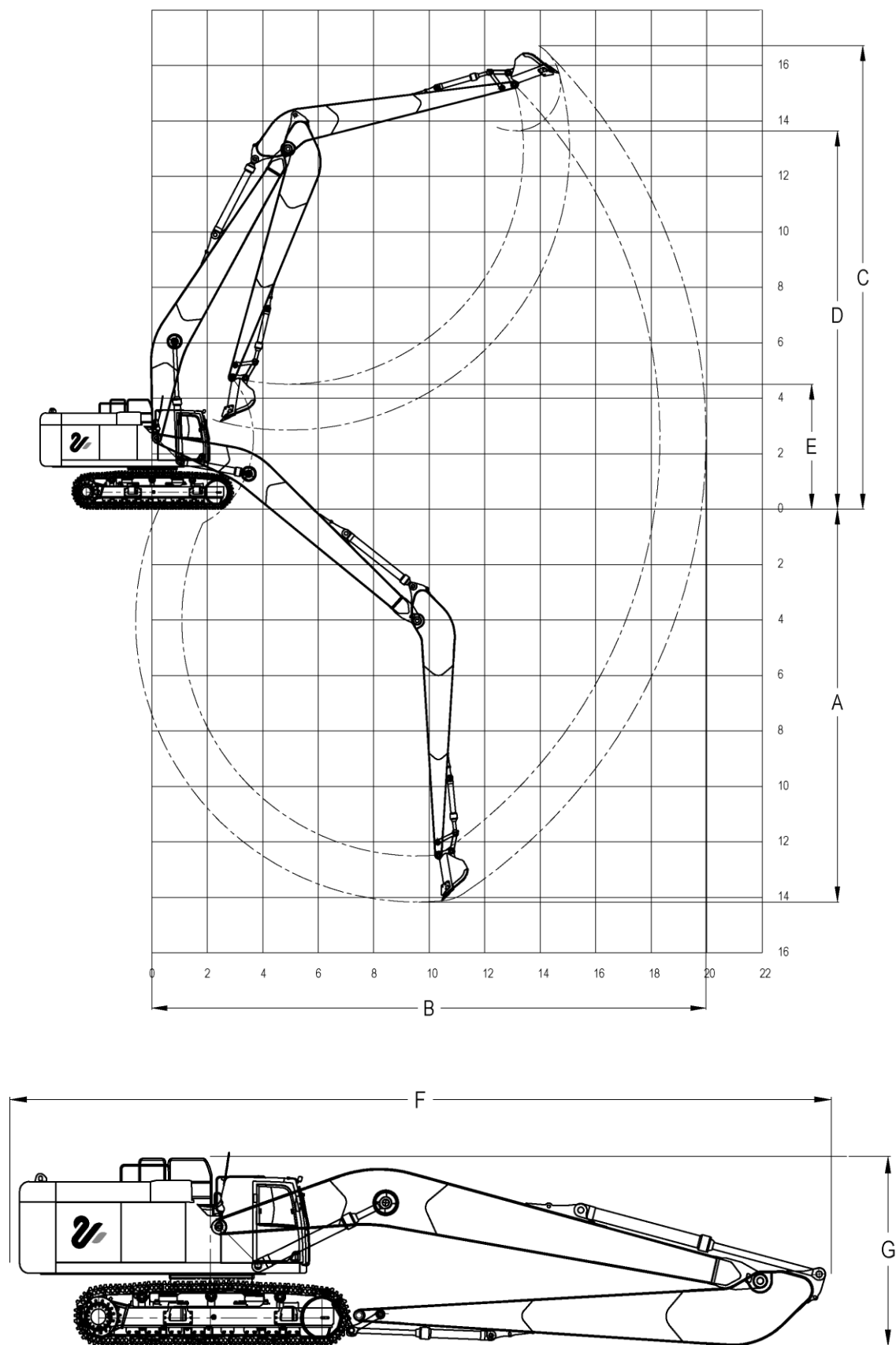
* The above specifications are for reference only, actual working range may vary from machine models.

** For the benefit of continuous product improvement, specifications are subject to change without prior notice.

STC 75T LRE

5-1490-1001

20 mtr. reach





MACHINE SPECS:		Standard
Boom Length		11500 mm
Stick Length		8500 mm
Bucket Radius		1660 mm
Stick Linkage		35T class
Total Machine Weight		77000 kg

REACH DIAGRAM:		Standard
A	Maximum Digging Depth	14170 mm
B	Maximum Reach at Ground Level	19980 mm
C	Maximum Cutting Height	16710 mm
D	Maximum Loading Height	13650 mm
E	Minimum Loading Height	4510 mm

TRANSPORT TABLE:		Standard
F	Transport Length	17300 mm
G	Transport Height	4000 mm
	Machine incl. Counterweight w/ Front Weight	77000 kg
	Machine excl. Counterweight w/ Front Weight	61000 kg
	Machine incl. Counterweight w/o Front Weight	64000 kg
	Machine excl. Counterweight w/o Front Weight	48000 kg
	Front Weight	14000 kg
	Counterweight Weight (11200 kg standard + 5000 kg added)	16200 kg

Working pressure: 37.0 Mpa



Measurement over front



Measurement over side

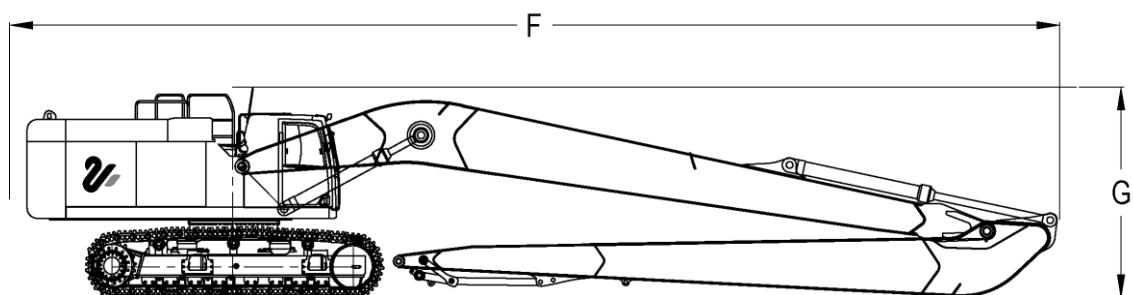
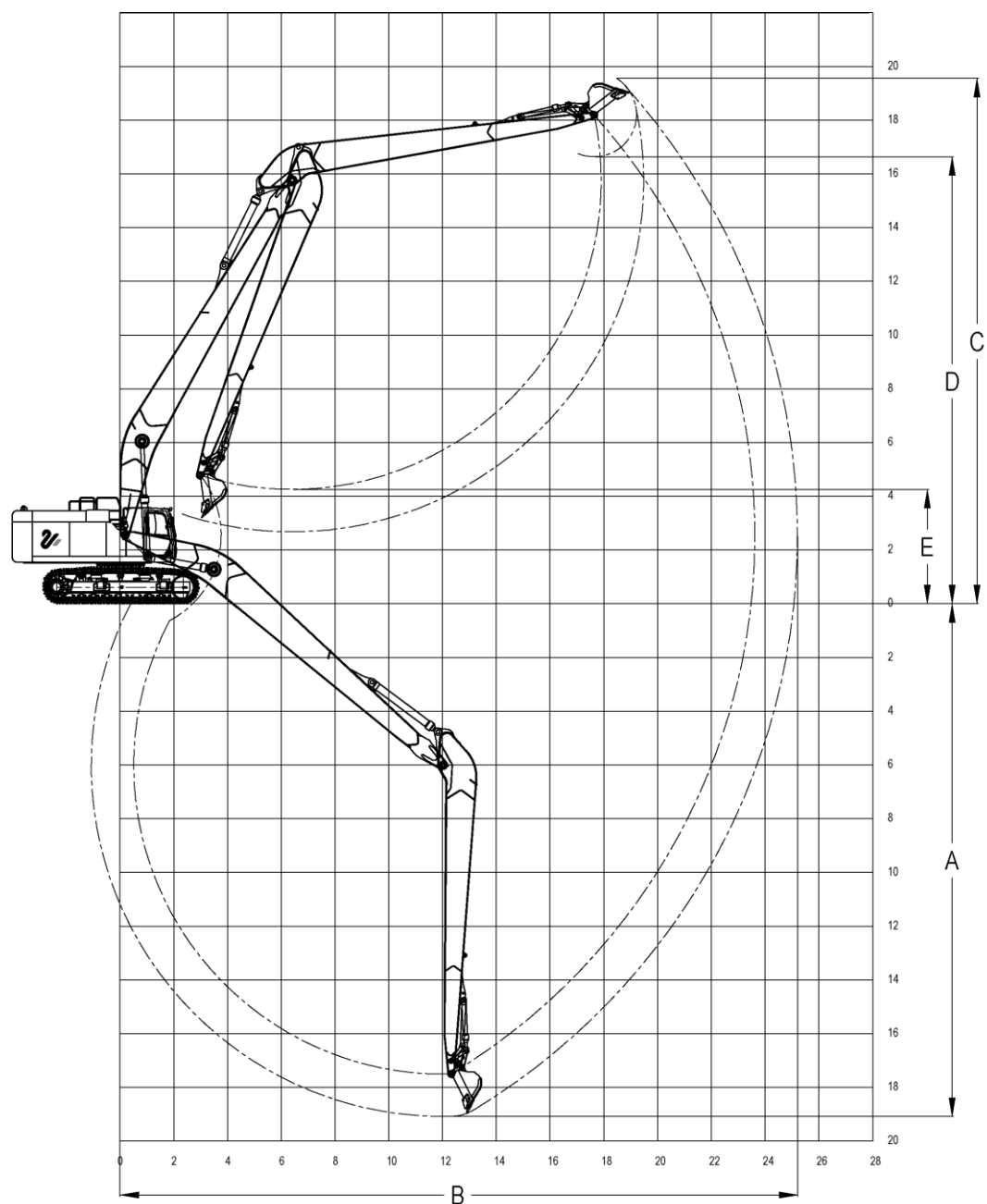
Load-point height	3 m		4,5 m		6 m		7,5 m		9 m		10,5 m		12 m		13,5 m		15 m		16,5 m		18 m		At max. reach		
																									m
16,5 m																									
15 m																									
13,5 m																									
12 m																									
10,5 m																									
9 m																									
7,5 m																									
6 m																									
4,5 m																									
3 m																									
1,5 m																									
0 m																									
-1 m																									
-3 m																									
-4,5 m																									
-6 m																									
-7,5 m																									
-9 m																									
-10,5 m																									
-12 m																									
-13,5 m																									

* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load.
The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007.
They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load.
Weight of all lifting accessories must be deducted from the above lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.

STC 75T LRE

5-1490-1101

25 mtr. reach





MACHINE SPECS:		Standard
Boom Length		14600 mm
Stick Length		11500 mm
Bucket Radius		1580 mm
Stick Linkage		30T class
Total Machine Weight		79000 kg

REACH DIAGRAM:		Standard
A	Maximum Digging Depth	19080 mm
B	Maximum Reach at Ground Level	25210 mm
C	Maximum Cutting Height	19560 mm
D	Maximum Loading Height	16640 mm
E	Minimum Loading Height	4260 mm

TRANSPORT TABLE:		Standard
F	Transport Length	20500 mm
G	Transport Height	4100 mm
	Machine incl. Counterweight w/ Front Weight	79000 kg
	Machine excl. Counterweight w/ Front Weight	63000 kg
	Machine incl. Counterweight w/o Front Weight	64000 kg
	Machine excl. Counterweight w/o Front Weight	48000 kg
	Front Weight	16000 kg
	Counterweight Weight (11200 kg standard + 5000 kg added)	16200 kg

Working pressure: 37.0 Mpa



Measurement over front



Measurement over side

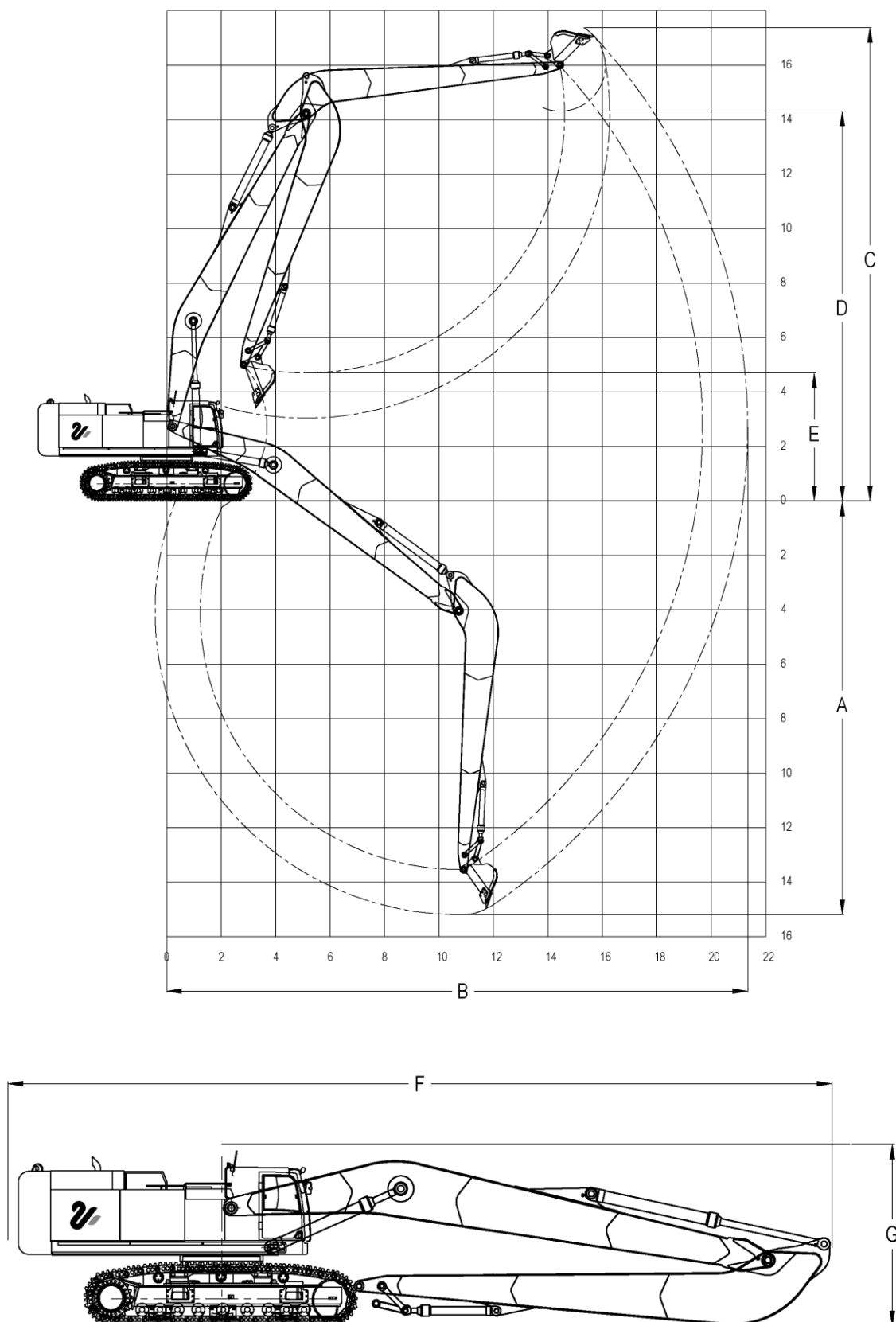
Load-point height	3 m		4,5 m		6 m		7,5 m		9 m		10,5 m		12 m		13,5 m		15 m		16,5 m		18 m		19,5 m		21 m		22,5 m		At max. reach						
																																		m	
18 m																																*2,6	*2,6	17,8	
16,5 m																																	*2,5	*2,5	19,0
15 m																																	*2,5	*2,5	20,1
13,5 m																																	*2,5	*2,5	20,9
12 m																																	*2,5	*2,5	21,6
10,5 m																																	*2,5	*2,5	22,2
9 m																																			
7,5 m																																			
6 m																																			
4,5 m																																			
3 m																																			
1,5 m																																			
0 m																																			
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-12 m																																			
-13,5 m																																			
-15 m																																			
-16,5 m																																			
-18 m																																			

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Lifting capacities are based on the machine standing on a firm, uniform supporting surface.

STC 90T LRE

5-1491-1001

21.5 mtr. reach





MACHINE SPECS:		Standard
Boom Length		12500 mm
Stick Length		9500 mm
Bucket Radius		1660 mm
Stick Linkage		50T class
Total Machine Weight		99000 kg

REACH DIAGRAM:		Standard
A	Maximum Digging Depth	15190 mm
B	Maximum Reach at Ground Level	21340 mm
C	Maximum Cutting Height	17380 mm
D	Maximum Loading Height	14310 mm
E	Minimum Loading Height	4700 mm

TRANSPORT TABLE:		Standard
F	Transport Length	19100 mm
G	Transport Height	4200 mm
	Machine incl. Counterweight w/ Front Weight	99000 kg
	Machine excl. Counterweight w/ Front Weight	78000 kg
	Machine incl. Counterweight w/o Front Weight	81000 kg
	Machine excl. Counterweight w/o Front Weight	60000 kg
	Front Weight	19000 kg
	Counterweight Weight (15500 kg standard + 5000 kg added)	20500 kg

Working pressure: 37.0 Mpa



Measurement over front



Measurement over side

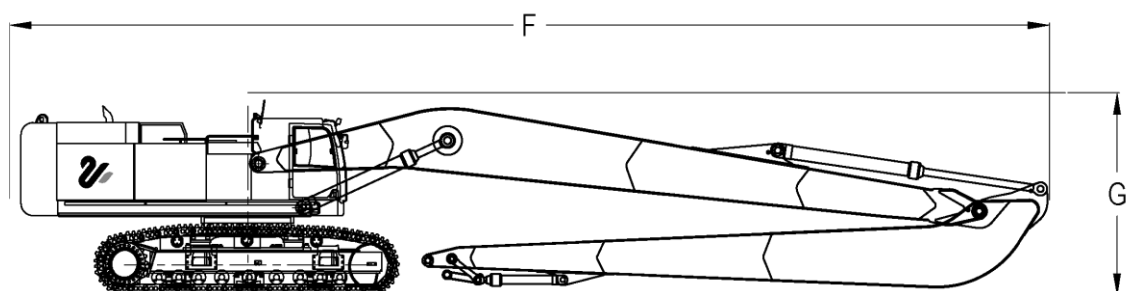
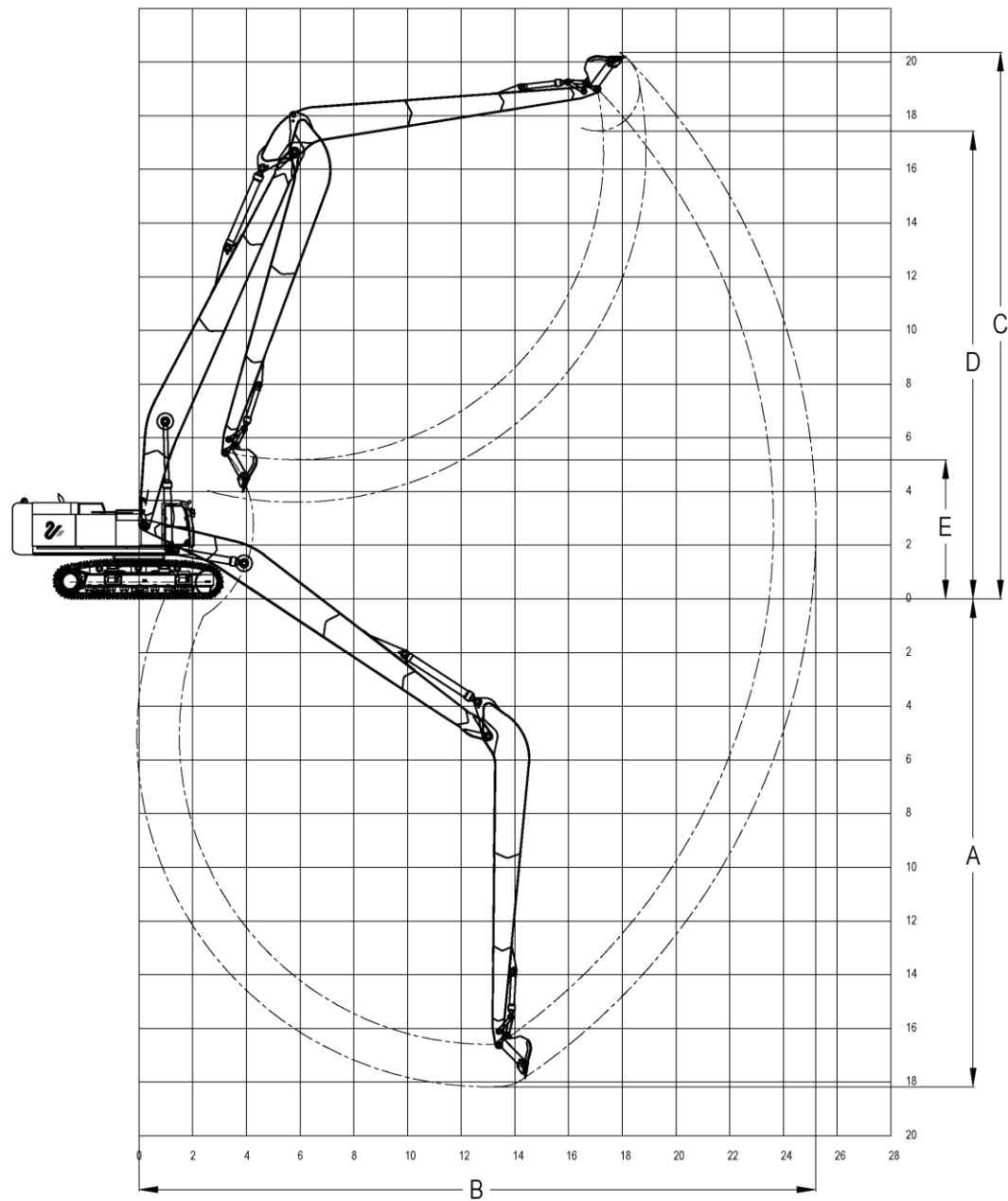
Load-point height	3 m		4,5 m		6 m		7,5 m		9 m		10,5 m		12 m		13,5 m		15 m		16,5 m		18 m		19,5 m		At max. reach						
																												m			
16,5 m																															
15 m																		*6,1	*6,1									*6	*6	15,3	
13,5 m																		*6,4	*6,4									*5,9	*5,9	16,4	
12 m																		*6,6	*6,6	*6,3	*6,3							*5,9	*5,9	17,3	
10,5 m																		*6,8	*6,8	*6,7	*6,7	*6	*6					*6	*6	18,1	
9 m																		*7,2	*7,2	*7,1	*7,1	*6,5	*6,5					*6,1	*6,1	18,6	
7,5 m														*7,7	*7,7	*7,9	*7,9	*7,9	*7,9	*7,6	*7,6	*7	*7					*6,3	*6,2	19,1	
6 m																		*8,8	*8,8	*8,3	8,2	*7,6	6,8					*6,5	5,8	19,4	
4,5 m																		*9,3	*9,3	*8,4	7,8	*7,7	6,6					*6,9	5,5	19,6	
3 m																		*9,5	8,9	*8,6	7,4	*7,8	6,3					*7	5,3	19,7	
1,5 m																		*9,7	8,4	*8,7	7,1	*7,8	6,0					*7	5,1	19,6	
0 m	*1,3	*1,3	*4,5	*4,5	*12,5	*12,5	*21,6	*21,6	*17,5	*17,5	*14,6	14,5	*12,5	11,9	*10,9	9,9	*9,7	8,4	*8,7	7,1	*7,8	6,0							*6,9	5,0	19,6
-1 m	*3,3	*3,3	*5,8	*5,8	*10,4	*10,4	*19,1	*19,1	*18	15,6	*15,1	12,7	*12,9	10,5	*11,2	8,9	*9,8	7,5	*8,7	6,4	*7,7	5,5							*6,9	4,9	19,2
-3 m	*5,4	*5,4	*7,6	*7,6	*11,7	*11,7	*19	*19	*17,7	14,9	*14,9	12,1	*12,7	10,0	*11	8,5	*9,7	7,2	*8,5	6,2	*7,5	5,4							*6,9	5,0	18,8
-4,5 m	*7,5	*7,5	*9,6	*9,6	*13,5	*13,5	*20,2	18,7	*17,1	14,5	*14,5	11,7	*12,4	9,7	*10,8	8,2	*9,4	7,0	*8,2	6,1	*7,1	5,3							*6,9	5,1	18,3
-6 m	*9,7	*9,7	*11,9	*11,9	*15,8	*15,8	*19,3	18,7	*16,2	14,3	*13,8	11,5	*11,9	9,5	*10,3	8,0	*8,9	6,9	*7,7	6,0									*6,9	5,4	17,6
-7,5 m	*12,1	*12,1	*14,5	*14,5	*18,6	*18,6	*17,5	*17,5	*14,9	14,3	*12,8	11,5	*11	9,5	*9,5	8,0	*8,2	6,9	*7	6,0									*6,7	5,9	16,8
-9 m	*14,7	*14,7	*17,5	*17,5	*17,8	*17,8	*15,3	*15,3	*13,2	*13,2	*11,4	*11,4	*9,9	9,6	*8,5	8,1	*7,2	7,0											*6,5	6,5	15,8
-10,5 m			*15,9	*15,9	*14,3	*14,3	*12,7	*12,7	*11,1	*11,1	*9,7	*9,7	*8,3	*8,3	*7	*7													*6,2	*6,2	14,5
-12 m					*10,1	*10,1	*9,4	*9,4	*8,4	*8,4	*7,4	*7,4	*6,2	*6,2															*5,4	*5,4	13,0
-13,5 m											*4,3	*4,3																	*4	*4	11,0
-15 m																															

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Lifting capacities are based on the machine standing on a firm, uniform supporting surface.

STC 90T LRE

25 mtr. reach

5-1490-1101





MACHINE SPECS:		Standard
Boom Length		15000 mm
Stick Length		11500 mm
Bucket Radius		1580 mm
Stick Linkage		35T class
Total Machine Weight		100000 kg

REACH DIAGRAM:		Standard
A	Maximum Digging Depth	18170 mm
B	Maximum Reach at Ground Level	25210 mm
C	Maximum Cutting Height	20350 mm
D	Maximum Loading Height	17430 mm
E	Minimum Loading Height	1580 mm

TRANSPORT TABLE:		Standard
F	Transport Length	21600 mm
G	Transport Height	4200 mm
	Machine incl. Counterweight w/ Front Weight	100000 kg
	Machine excl. Counterweight w/ Front Weight	79000 kg
	Machine incl. Counterweight w/o Front Weight	81000 kg
	Machine excl. Counterweight w/o Front Weight	60000 kg
	Front Weight	20000 kg
	Counterweight (15500 kg standard + 5000 kg added)	20500 kg

Working pressure: 37.0 Mpa



Measurement over front



Measurement over side

Load-point height	3 m	4,5 m	6 m	7,5 m	9 m	10,5 m	12 m	13,5 m	15 m	16,5 m	18 m	19,5 m	21 m	22,5 m	At max. reach	
																m
19,5 m																
18 m																
16,5 m																
15 m																
13,5 m																
12 m																
10,5 m																
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*Specifications are subject to change without notice.
No rights can be derived from the technical specifications.*

STC

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