

SPECIFICATIONS





BASIC SPECIFICATIONS

<Applicable machine models 126000002 or later>

Type		Cab		
MASS				
Operating mass	kg (lb)	Rubber crawlers	5735 (12645)	
		Steel crawlers	5920 (13050)	
PERFORMANCE				
Bucket capacity (Standard bucket)	m ³ (cu. ft.)	Heaped	0.168 (5.93)	
		Struck	0.127 (4.48)	
Slew speed	min ⁻¹ (rpm)		9.4 (9.4)	
Travel speed	km/h (mph)	Rubber crawlers	1st	2.8 (1.74)
			2nd	4.9 (3.04)
		Steel crawlers	1st	2.6 (1.62)
			2nd	4.6 (2.86)
Gradeability	(degrees)		30	
Ground pressure	kPa (psi)	Rubber crawlers	31.5 (4.57)	
		Steel crawlers	32.7 (4.74)	
Noise level	dB (A)	Sound power level	L _{WA} 97	
		Emission sound pressure level at the operator's position (ISO 6396, 2008:)	L _{pA} 76	
ENGINE				
Manufacturer and model		Yanmar 4TNV84T-BPTB		
Rated output	Net (ISO 14396)	kW/min ⁻¹ (hp/rpm)	34.3/2400 (46/2400)	
	Net (ISO 9249/ SAEJ1349)	kW/min ⁻¹ (hp/rpm)	32.4/2400 (43.4/2400)	
Displacement		ml (cu.in.)	1995 (121.7)	
Starter		V-kW	12-2.3	
Alternator		V-kW	12-0.66	
Battery (IEC 60095-1)		V-A·h	12-90	



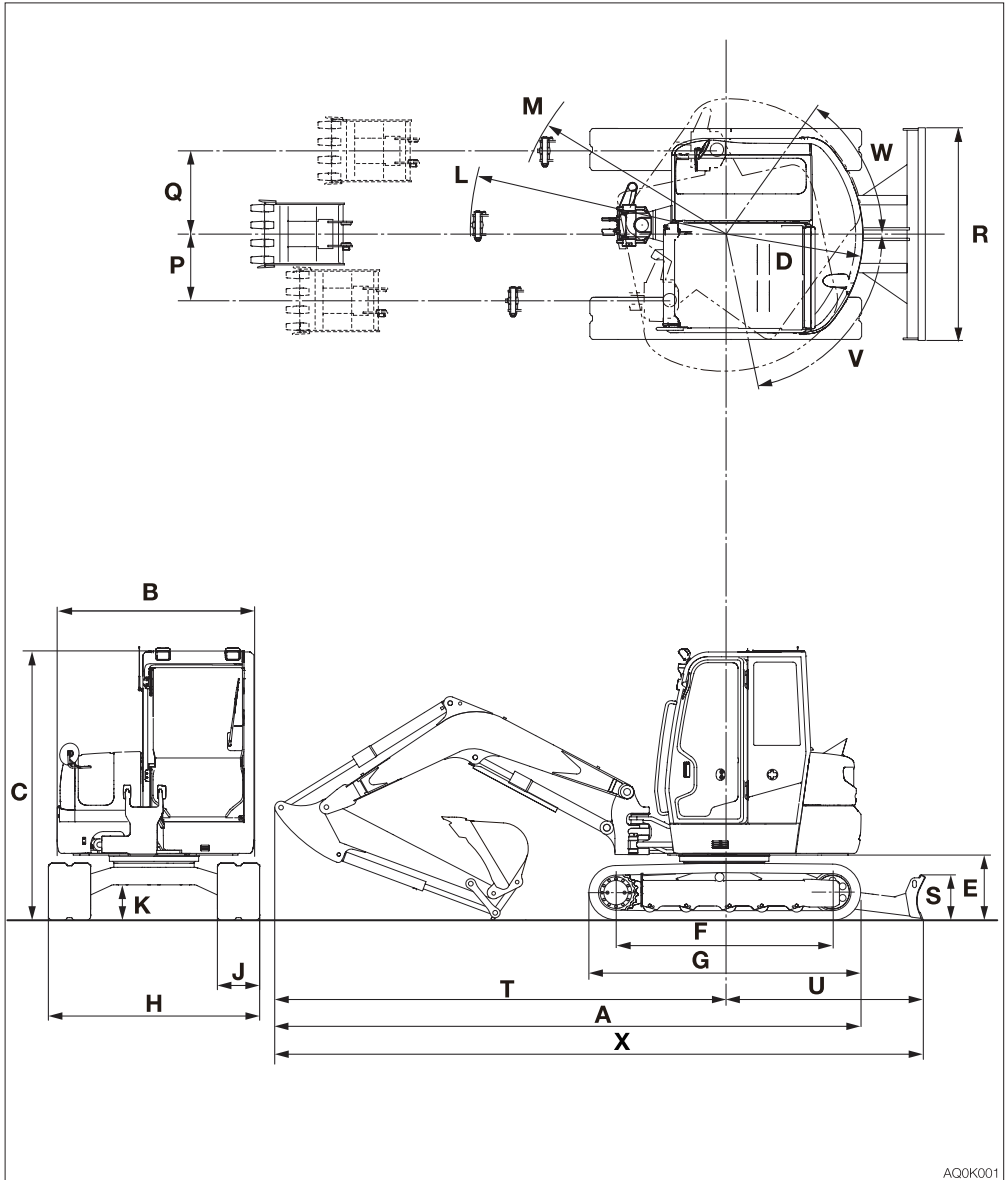
SPECIFICATIONS
BASIC SPECIFICATIONS

<Applicable machine models 126100003 or later>

Type		Canopy	Cab	
MASS				
Operating mass	kg (lb)	Rubber crawlers	5500 (12125)	5735 (12645)
		Steel crawlers	5685 (12535)	5920 (13050)
PERFORMANCE				
Bucket capacity (Standard bucket)	m ³ (cu. ft.)	Heaped	0.168 (5.93)	
		Struck	0.127 (4.48)	
Slew speed	min ⁻¹ (rpm)	9.4 (9.4)		
Travel speed	km/h (mph)	Rubber crawlers	1st	2.8 (1.74)
			2nd	4.9 (3.04)
		Steel crawlers	1st	2.6 (1.62)
			2nd	4.6 (2.86)
Gradeability	(degrees)	30		
Ground pressure	kPa (psi)	Rubber crawlers	30.2 (4.38)	31.5 (4.57)
		Steel crawlers	31.4 (4.55)	32.7 (4.74)
Noise level	dB (A)	Sound power level	L _{WA} 97	
		Emission sound pressure level at the operator's position (ISO 6396, 2008:)	L _{pA} 75	
ENGINE				
Manufacturer and model		Yanmar 4TNV86CT- PTB I	Yanmar 4TNV86CT- PTB	
Rated output	Net (ISO 14396)	kW/min ⁻¹ (hp/rpm)	35.5/2400 (47.6/2400)	
	Net (ISO 9249/ SAEJ1349)	kW/min ⁻¹ (hp/rpm)	33.6/2400 (45.1/2400)	
Displacement	ml (cu.in.)		2091 (127.6)	
Starter	V-kW		12-2.3	
Alternator	V-kW		12-0.66	
Battery (IEC 60095-1)	V-A·h		12-90	



MACHINE DIMENSIONS



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SPECIFICATIONS
MACHINE DIMENSIONS

<Applicable machine models 126000002 or later /126100003 or later>

Unit: mm (inch)

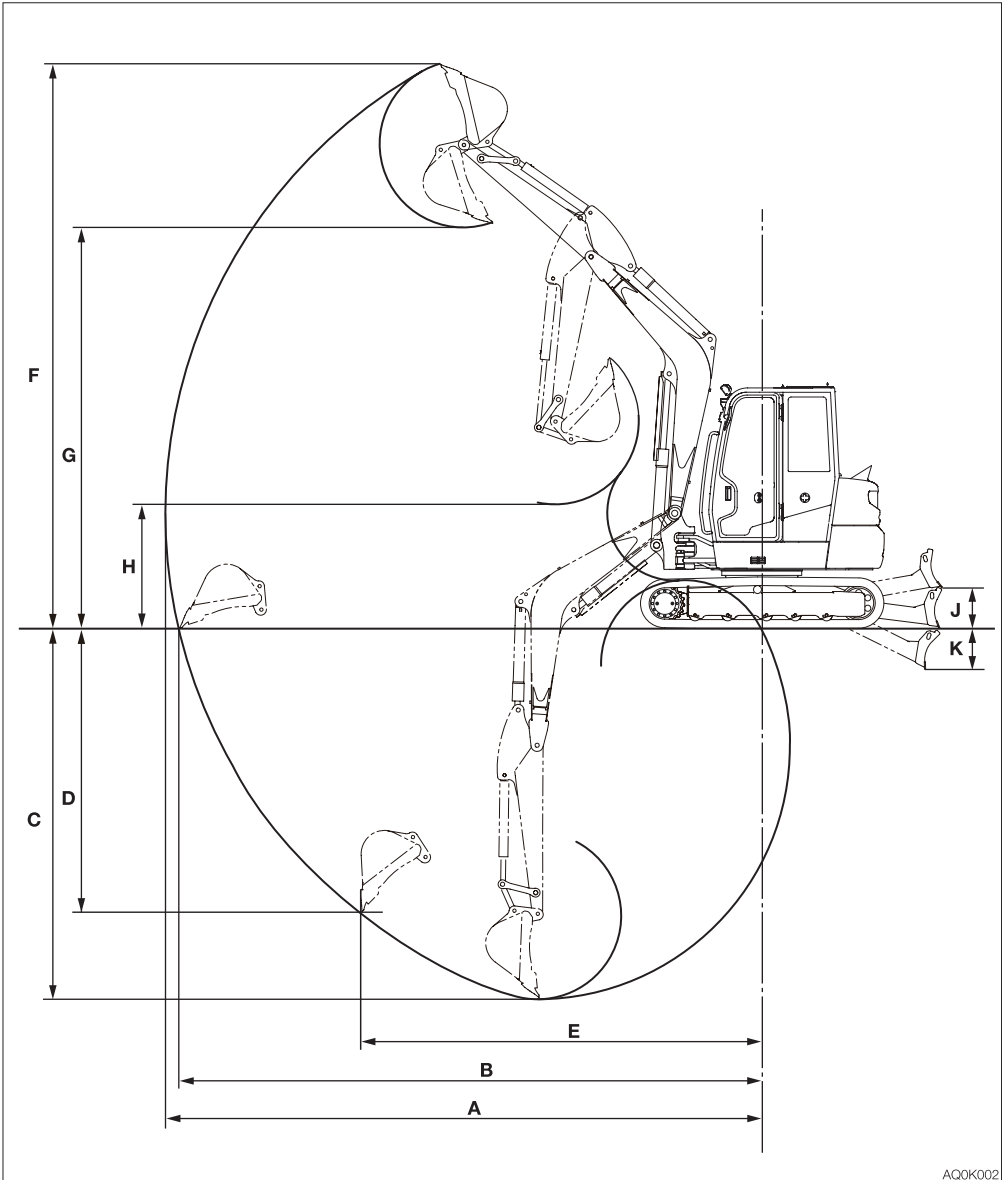
	Item	Middle arm		Long arm	
		Rubber crawlers	Steel crawlers	Rubber crawlers	Steel crawlers
A	Overall length	5540 (218.0)	←	5550 (218.5)	←
B	Upperstructure overall width	1870 (73.6)	←	←	←
C	Overall height	2560 (100.8) 2575 (101.4)**	2550 (100.4) 2565 (101.0)**	2560 (100.8) 2575 (101.4) **	2550 (100.4) 2565 (101.0) **
D	Slew radius	1300 (51.2)	←	←	←
E	Clearance height under upperstructure	635 (25.0)	625 (24.6)	635 (25.0)	625 (24.6)
F	Crawler base	2050 (80.7)	2035 (80.2)	2050 (80.7)	2035 (80.2)
G	Crawler overall length	2575 (101.3)	2560 (100.8)	2575 (101.3)	2560 (100.8)
H	Crawler overall width	2000 (78.7)	←	←	←
J	Crawler shoe width	400 (15.7)	←	←	←
K	Ground clearance of undercarriage	330 (13.1)	325 (12.7)	330 (13.1)	325 (12.7)
L	Minimum radius of equipment and attachment	2390 (94.0)	←	2420 (95.4)	←
M	Minimum radius of equipment at maximum front offset	1945 (76.6)	←	1975 (77.8)	←
P	Offset distance of bucket (right swing)	655 (25.8)	←	←	←
Q	Offset distance of bucket (left swing)	785 (31.0)	←	←	←
R	Dozer blade width	2000 (78.7)	←	←	←
S	Dozer blade height	430 (16.9)	←	←	←
T	Front distance to axis of rotation	4240 (166.9)	←	4255 (167.5)	←
U	Dozer blade distance to axis of rotation	1870 (73.6) 1930 (76.0)*	←	←	←
V	Boom swing angle (Left)	78°	←	←	←
W	Boom swing angle (Right)	55°	←	←	←
X	Overall length (dozer blade at rear)	6110 (240.5) 6170 (242.9)*	←	6125 (241.2) 6185 (243.5)*	←

* : With an angle dozer blade

** : Canopy



OPERATING RANGES



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SPECIFICATIONS
OPERATING RANGES

<Applicable machine models 12600002 or later /12610003 or later>

Unit: mm (inch)

	Item	Middle arm		Long arm	
		Rubber crawlers	Steel crawlers	Rubber crawlers	Steel crawlers
A	Maximum reach	6120 (240.9)	←	6270 (246.9)	←
B	Maximum reach at ground reference plane	5975 (235.3)	←	6130 (241.4)	←
C	Maximum digging depth	3735 (147.1)	3745 (147.4)	3895 (153.4)	3905 (153.7)
D	Maximum vertical digging depth	2830 (111.3)	2835 (111.7)	2980 (117.4)	2990 (117.7)
E	Reach at maximum vertical digging depth	4175 (164.3)	←	4220 (166.1)	←
F	Maximum height of cutting edge	5835 (229.7)	5825 (229.4)	5940 (233.9)	5930 (233.5)
G	Maximum dumping height	4115 (162.0)	4105 (161.6)	4220 (166.1)	4210 (165.8)
H	Minimum dumping height	1465 (57.6)	1455 (57.3)	1305 (51.5)	1300 (51.1)
J	Dozer blade maximum lifting	430 (16.9) 445 (17.5)*	420 (16.5) 435 (17.2)*	430 (16.9) 445 (17.5)*	420 (16.5) 435 (17.2)*
K	Dozer blade maximum lowering	430 (16.9) 450 (17.7)*	440 (17.2) 455 (18.0)*	430 (16.9) 450 (17.7)*	440 (17.2) 455 (18.0)*

*: With an angle dozer blade

MEMO



LIFTING CAPACITIES

Rated lift capacity chart

- The loads in the charts do not exceed 87% of hydraulic lift capacity or 75% of tipping load.
- Figures marked with an asterisk (*) are hydraulically-limited capacities.
- The mass of slings and any other lifting devices shall be deducted from the rated load to determine the net load that may be lifted.
- The load point is the bucket hinge pin, and the bucket posture is with the standard bucket completely retracted under the arm.
- Unit: daN (lbs)

Load hooking system

A load hooking system must be provided with the following capabilities.

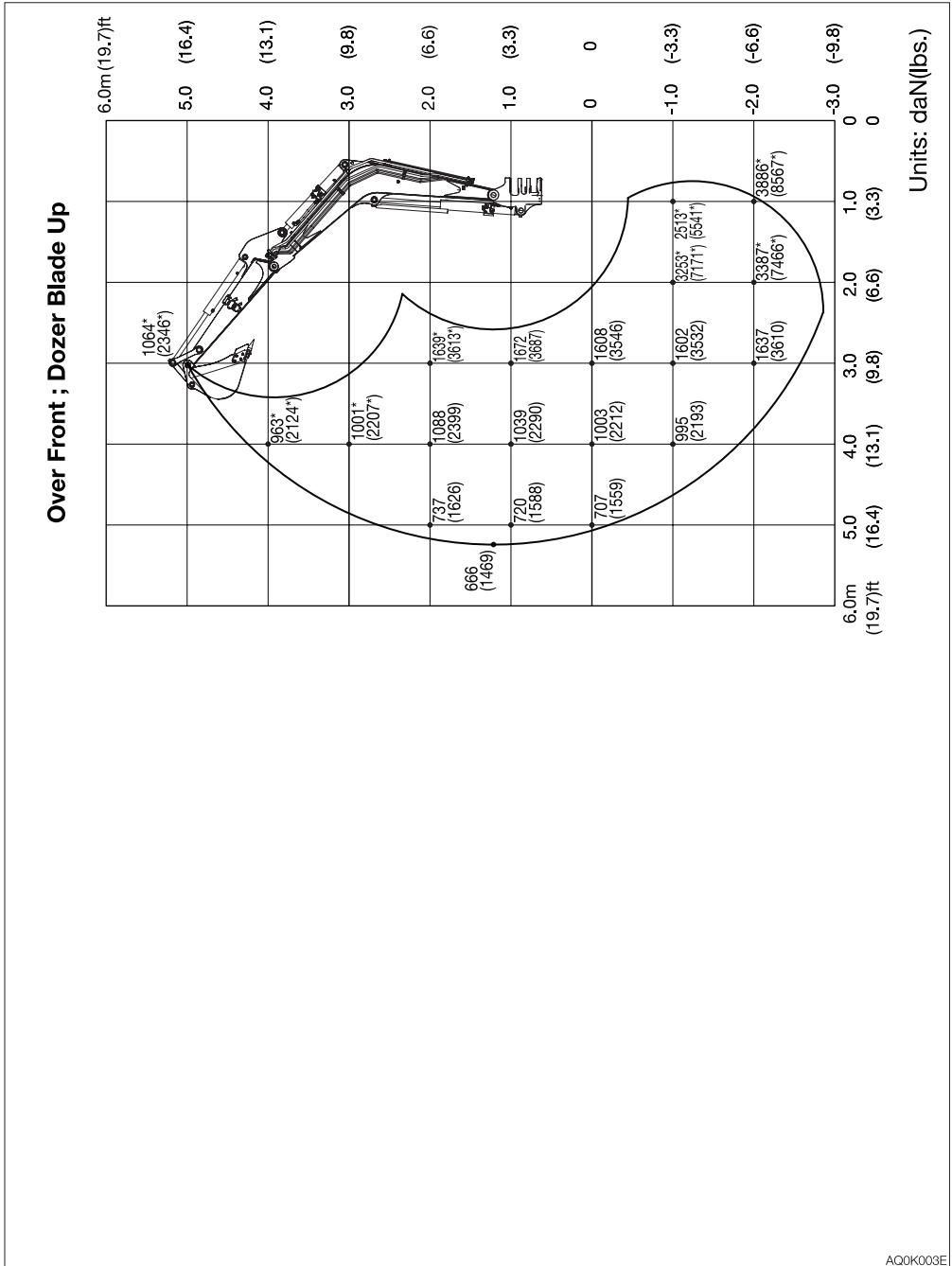
1. A system which can withstand twice the rated lift capacity no matter at what position the load is applied.
2. A system that poses no risk of the lifted load falling from the hooking device. For example, equipped with a hook slippage prevention device.
3. A system that poses no risk of the hooking system slipping from the hoe attachment.

WARNING

- Do not attempt to lift or hold any load that is greater than these rated values at their specified load radii and height.
- The rated lift capacities are based on the machine being level and situated on a firm supporting surface. For safe lifting, the operator is expected to make due allowance for the particular job conditions such as soft or uneven ground, non-level condition, load to the machine sides, hazardous conditions, experience of personnel, etc. The operator and other personnel should fully acquaint themselves with the operator's manual furnished by the manufacturer before operating this machine. When operating the machine, the safety rules of the equipment must also be followed.
- Do not travel while lifting a load; It is very dangerous.



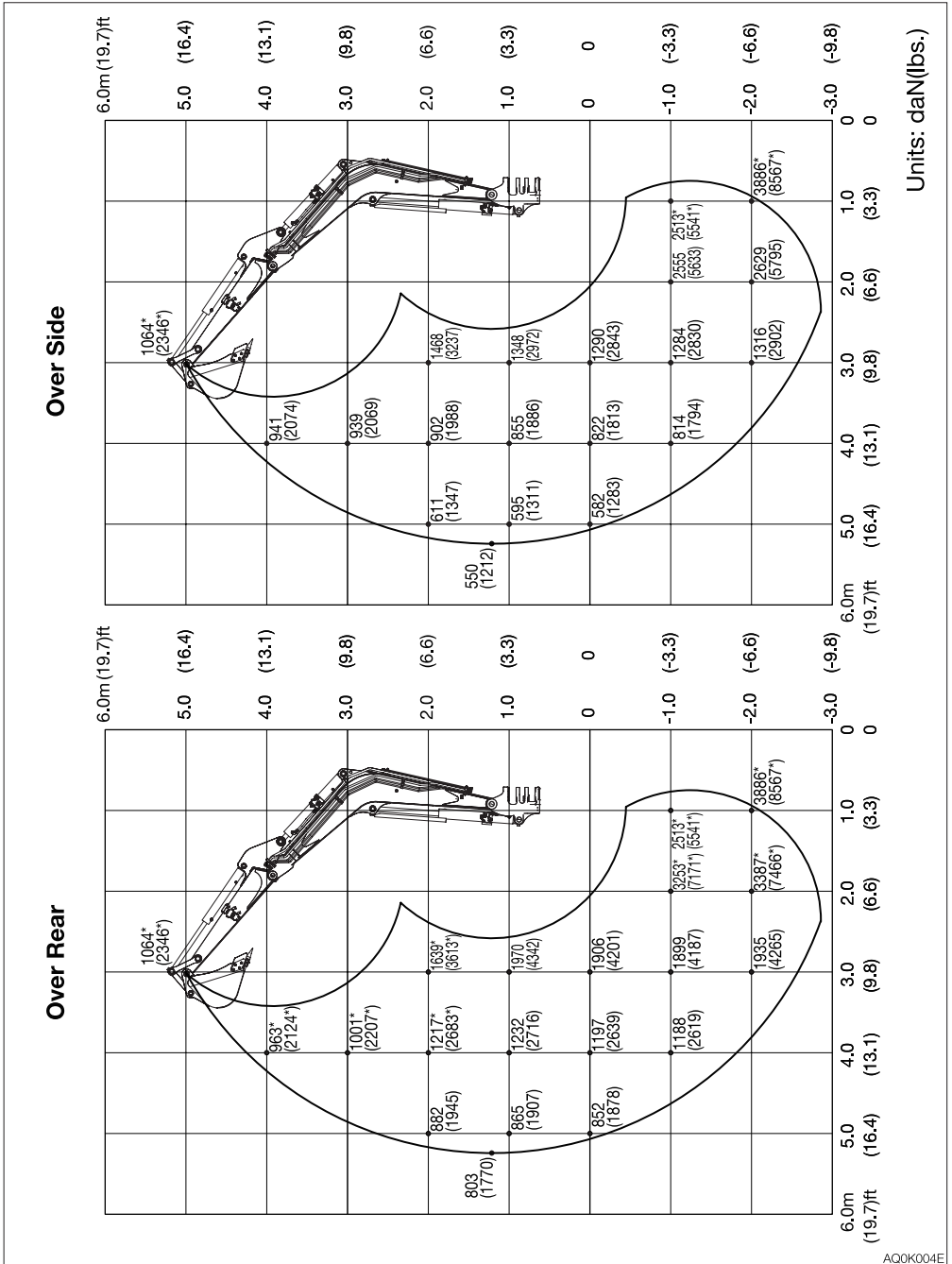
<Cab> Middle arm (Applicable machine models 12600002 or later)



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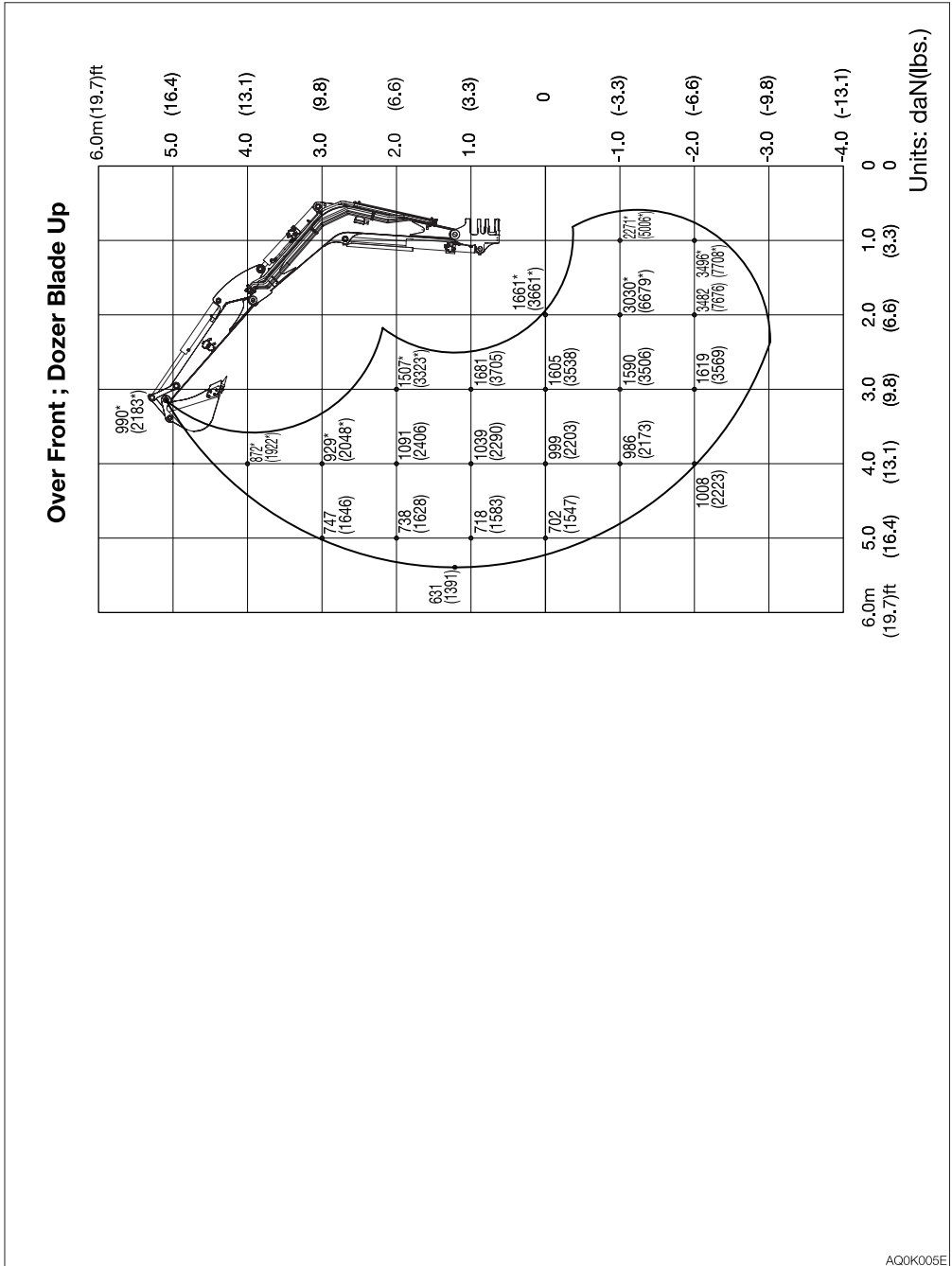
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SPECIFICATIONS
LIFTING CAPACITIES

<Cab> Long arm (Applicable machine models 126000002 or later)

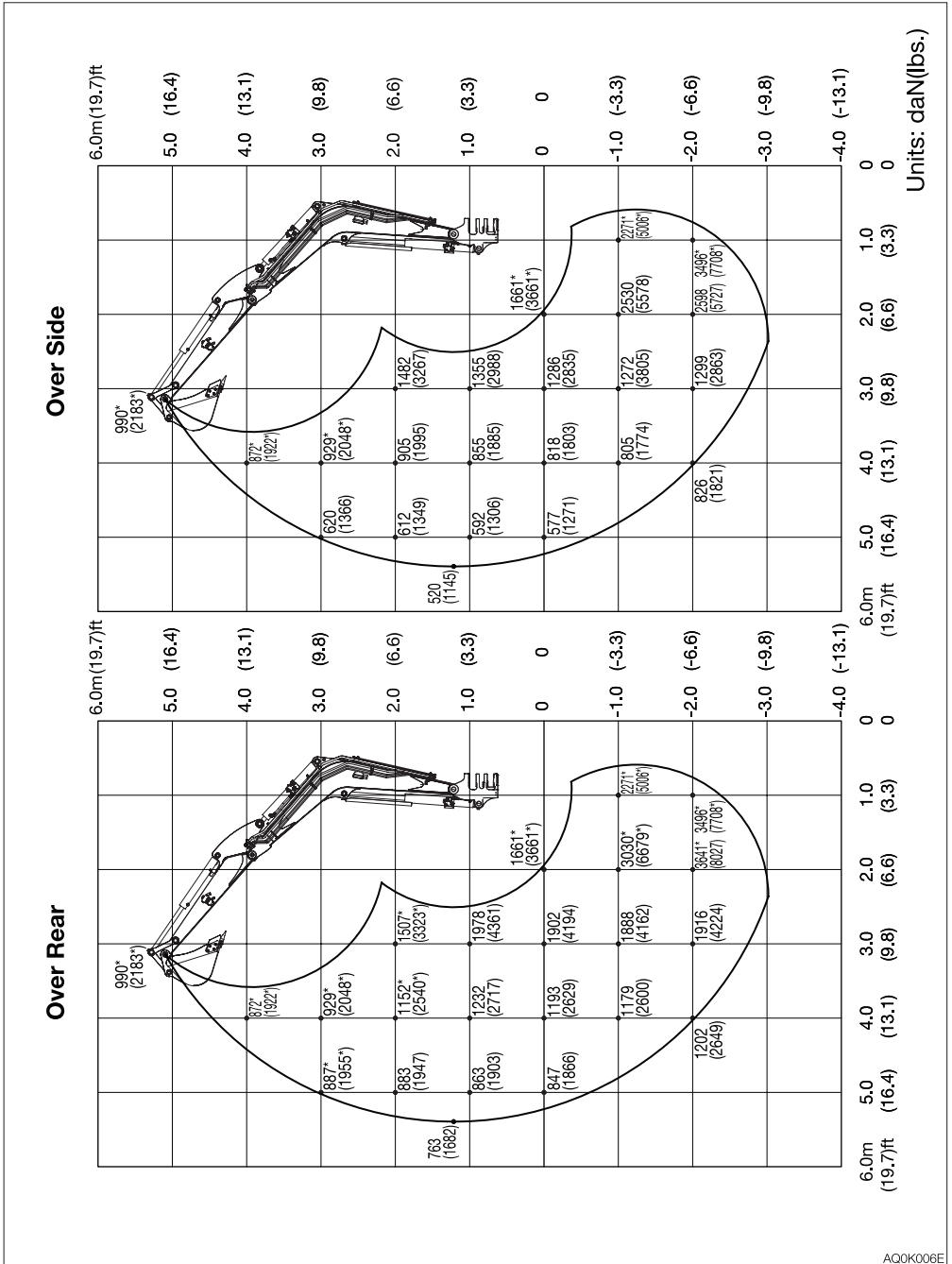


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SPECIFICATIONS
LIFTING CAPACITIES

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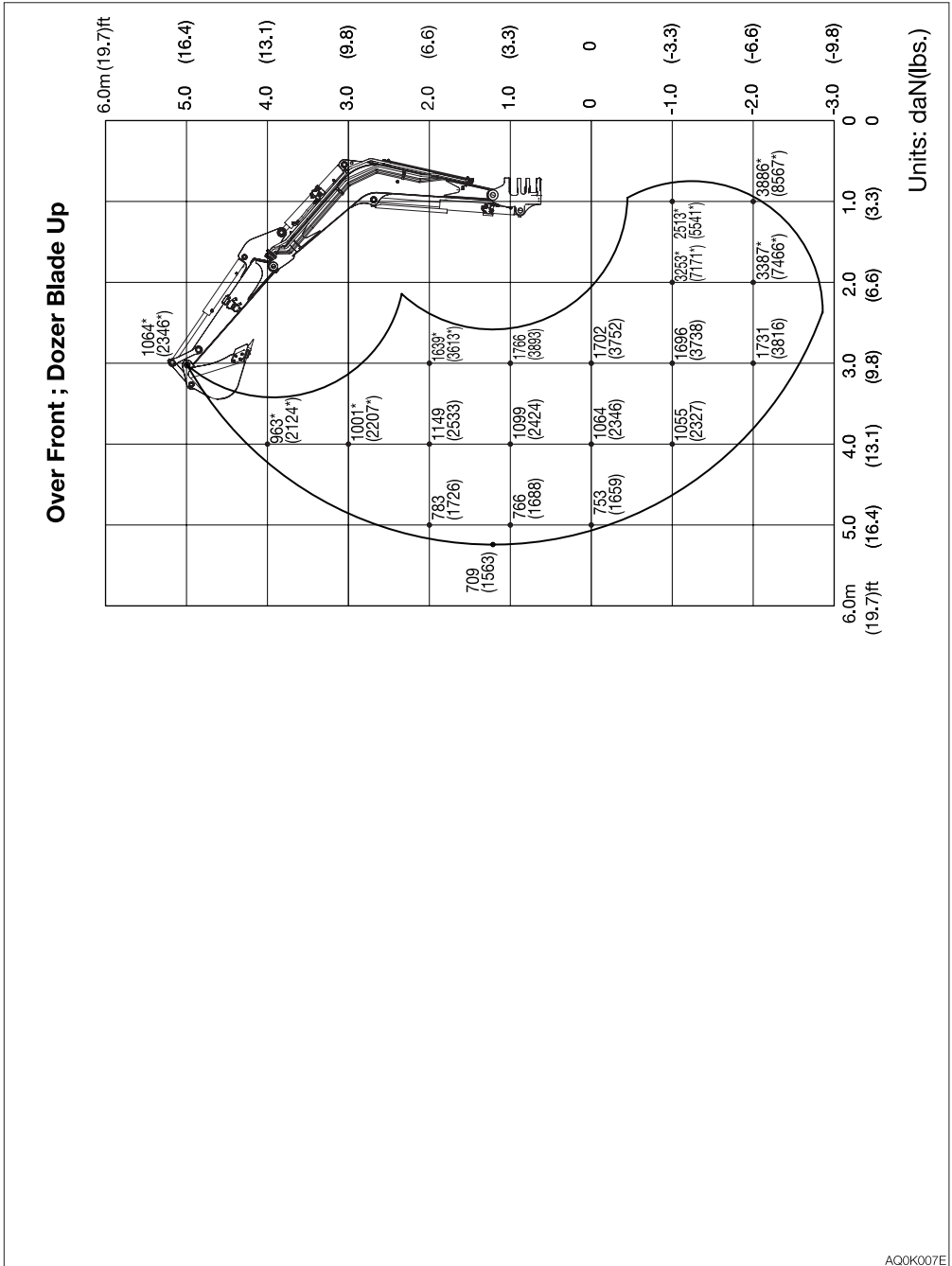


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SPECIFICATIONS
LIFTING CAPACITIES

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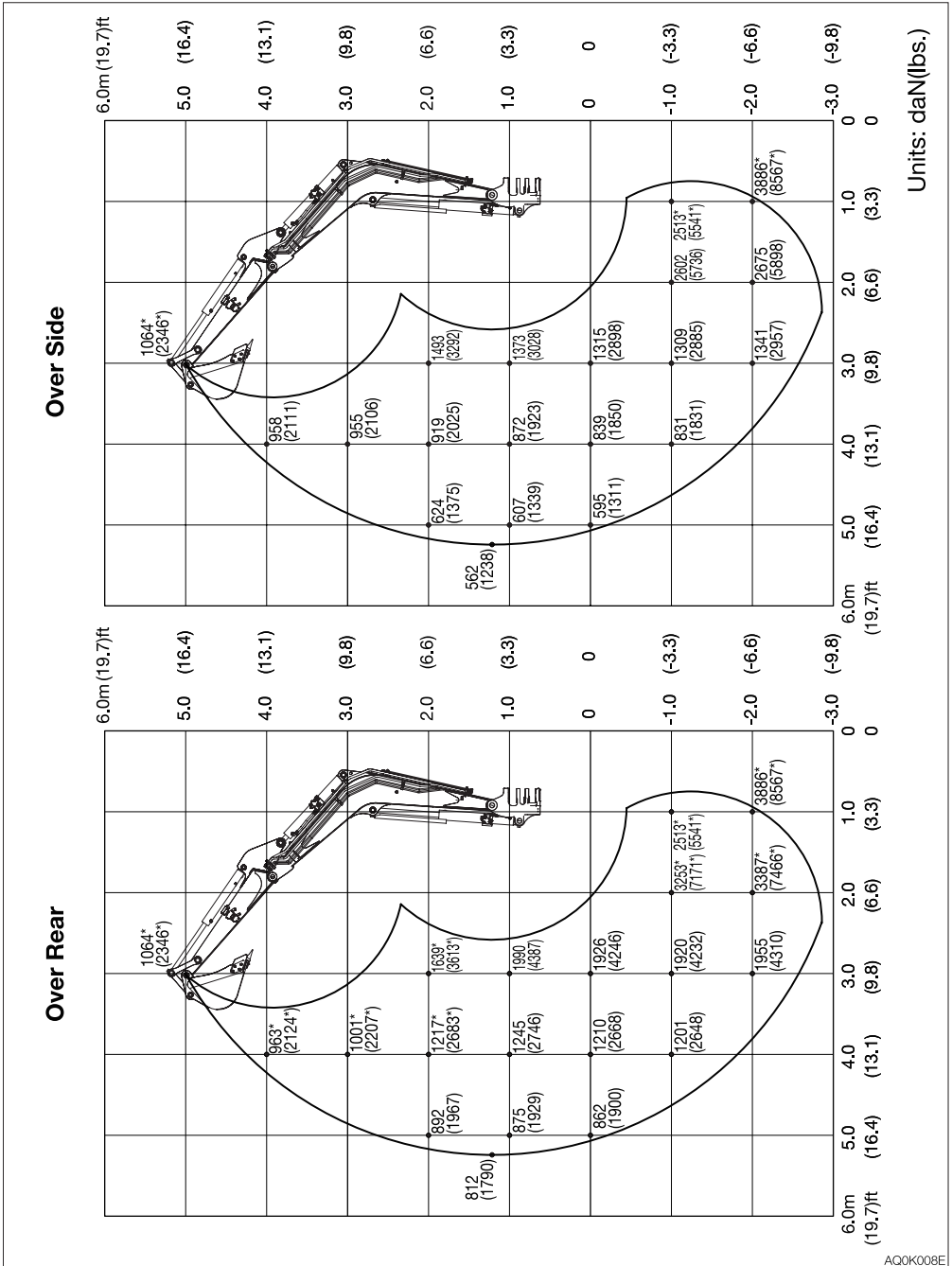


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SPECIFICATIONS
LIFTING CAPACITIES

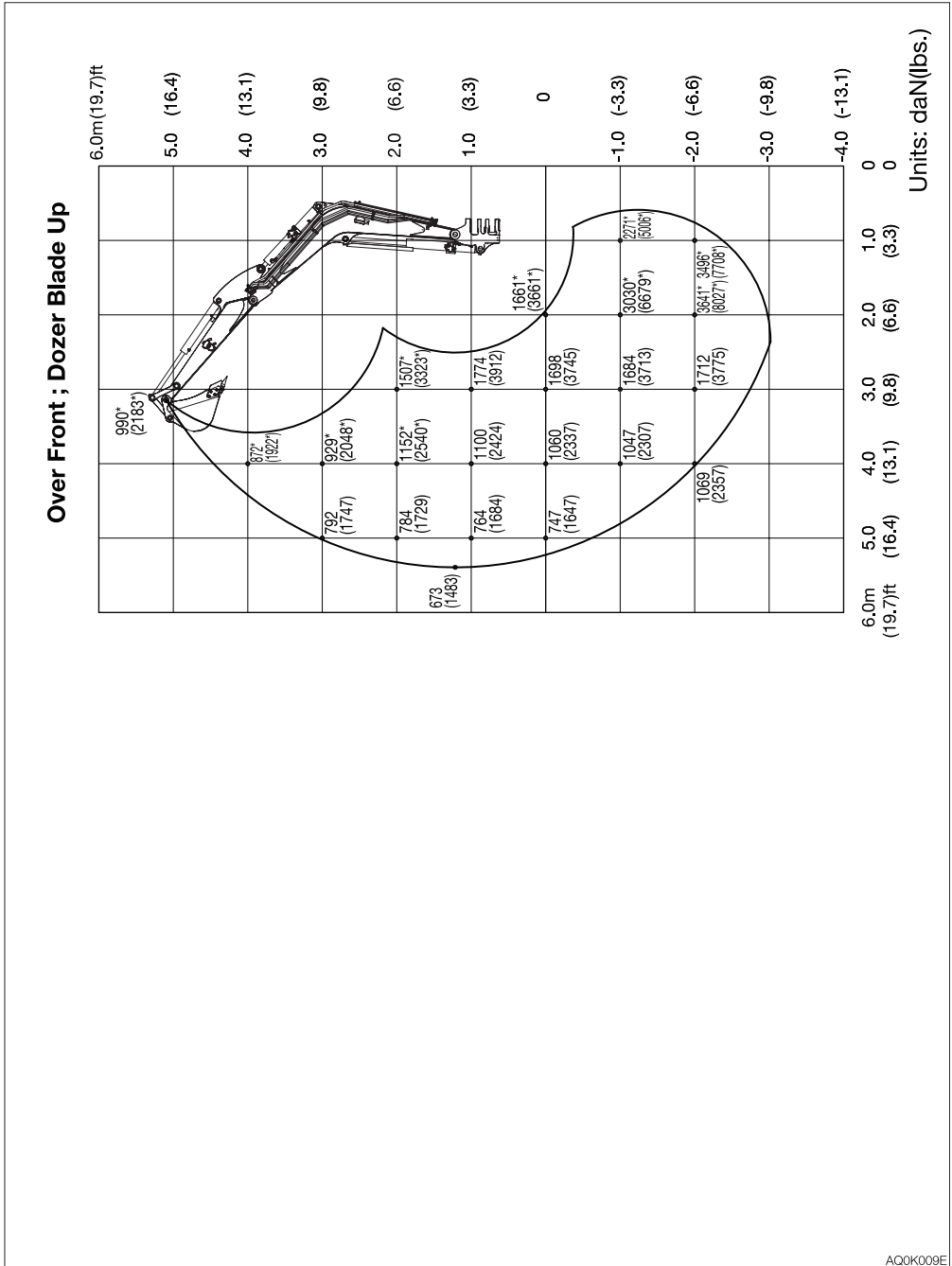
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SPECIFICATIONS
LIFTING CAPACITIES

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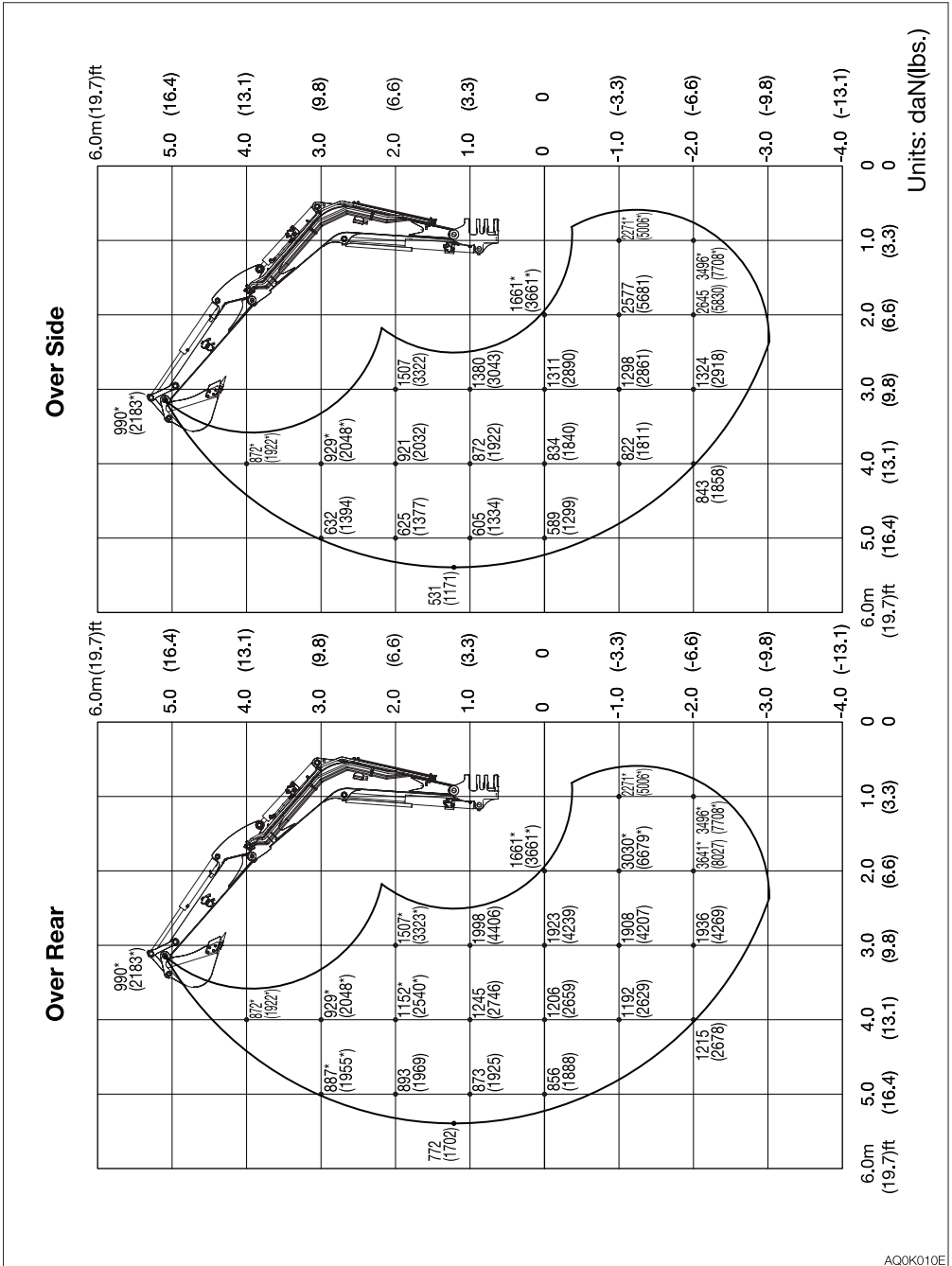


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SPECIFICATIONS
LIFTING CAPACITIES

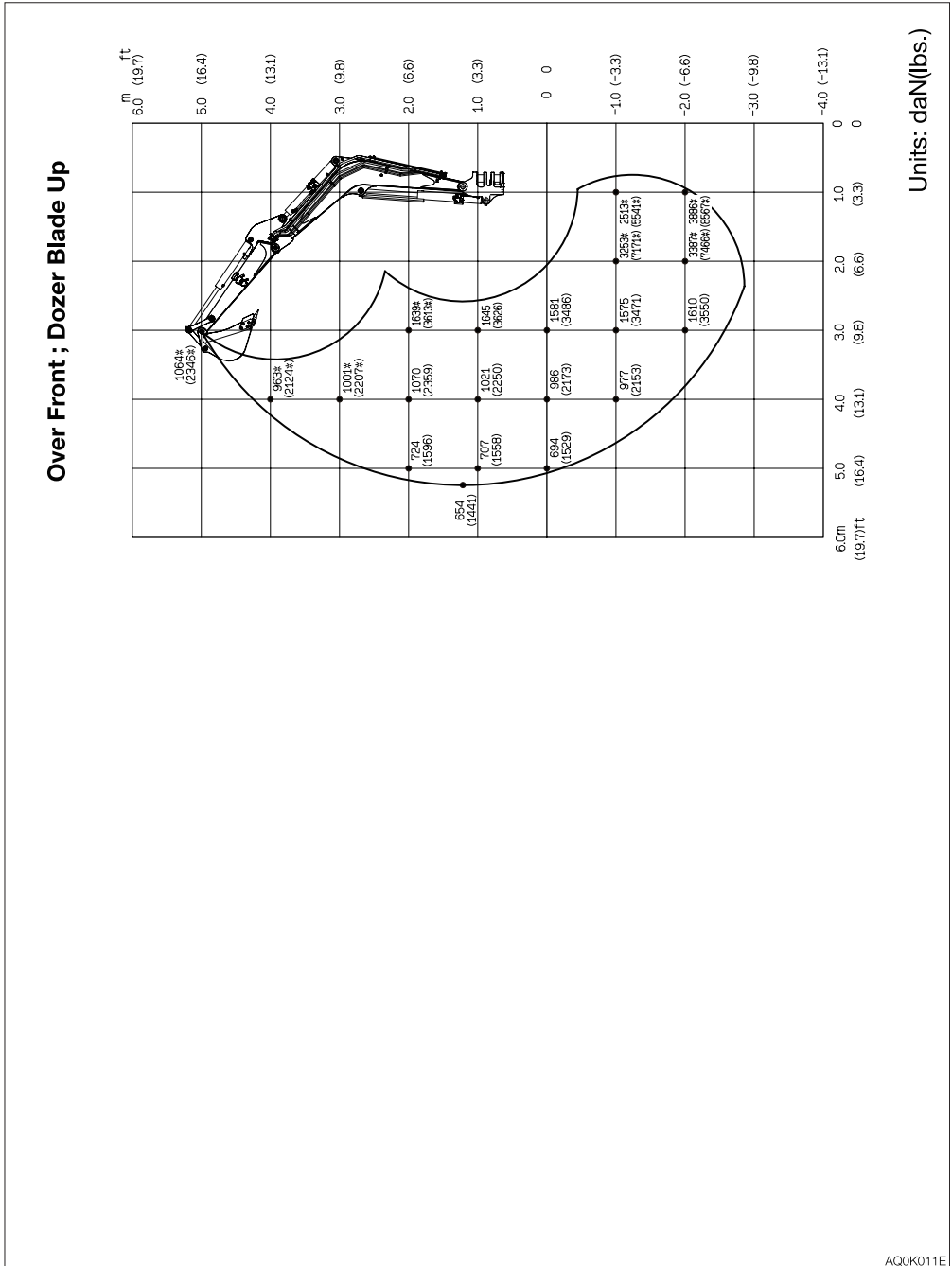
<Cab> Long arm (Applicable machine models 126100003 or later)





SPECIFICATIONS
LIFTING CAPACITIES

<Canopy> Middle arm (Applicable machine models 126100003 or later)



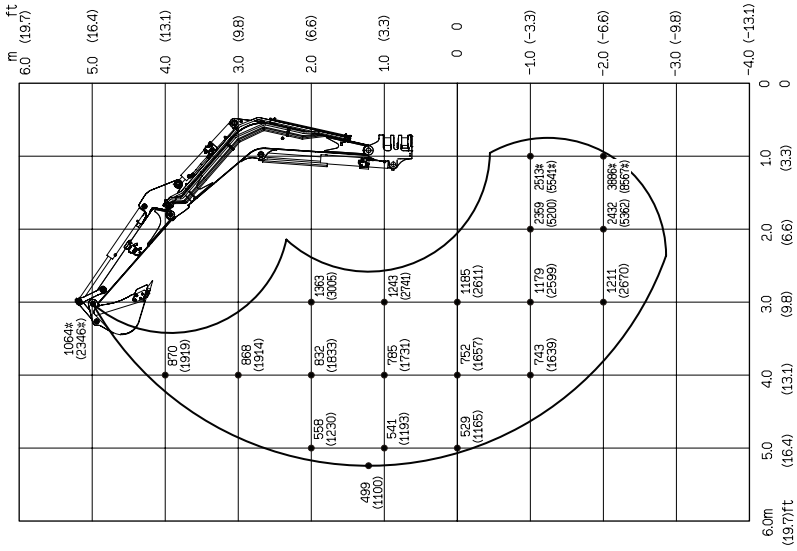
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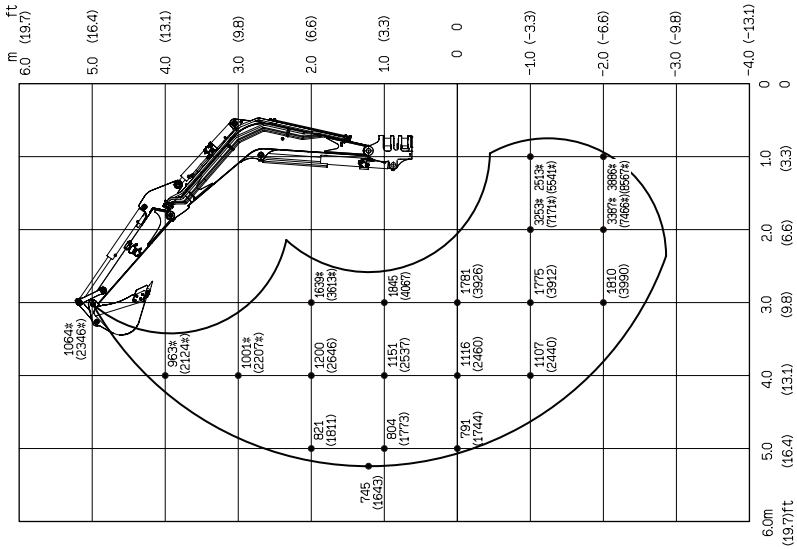
SPECIFICATIONS
LIFTING CAPACITIES

<Canopy> Middle arm (Applicable machine models 126100003 or later)

Over Side



Over Rear

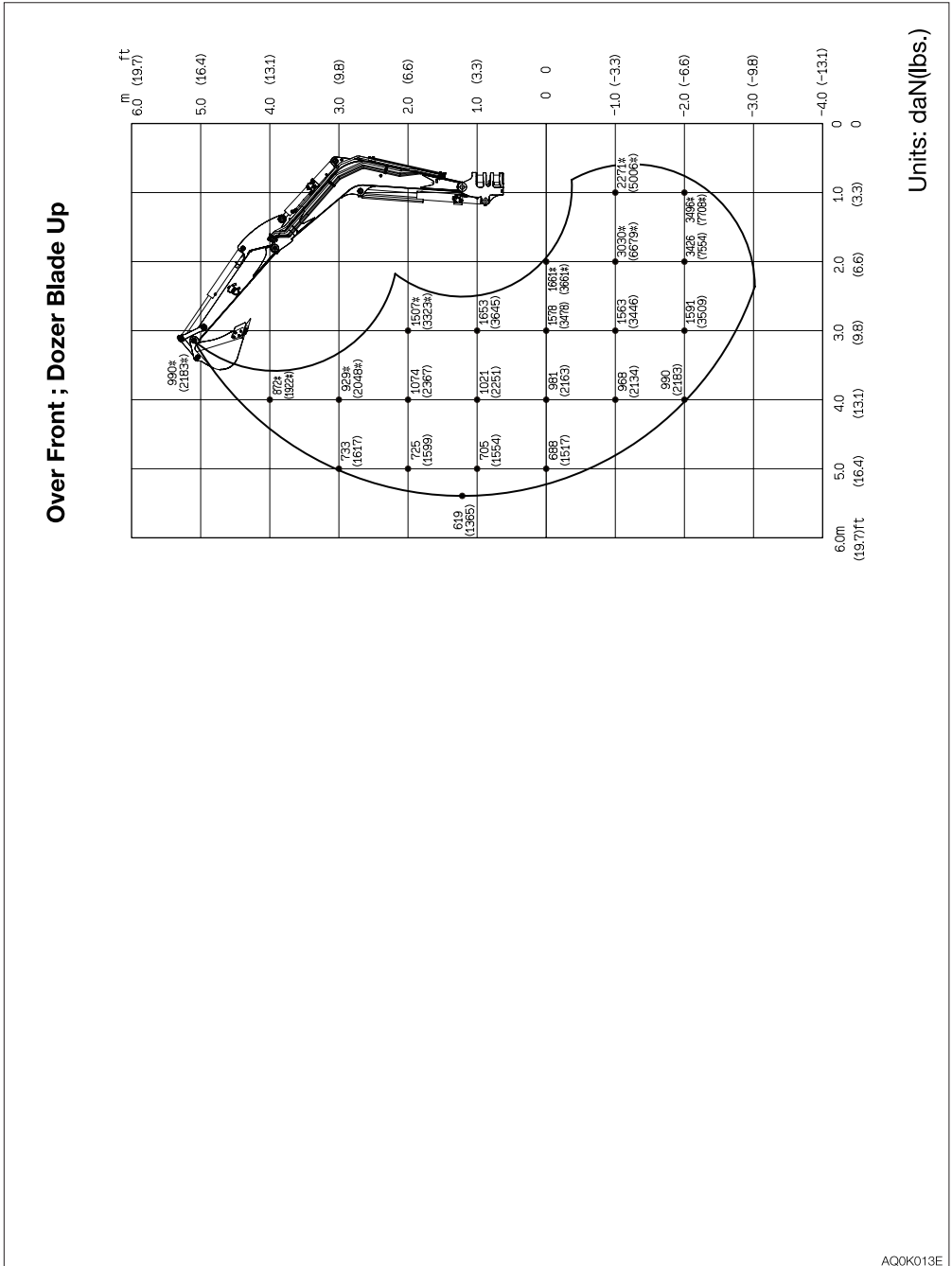


Units: daN(lbs.)



SPECIFICATIONS
LIFTING CAPACITIES

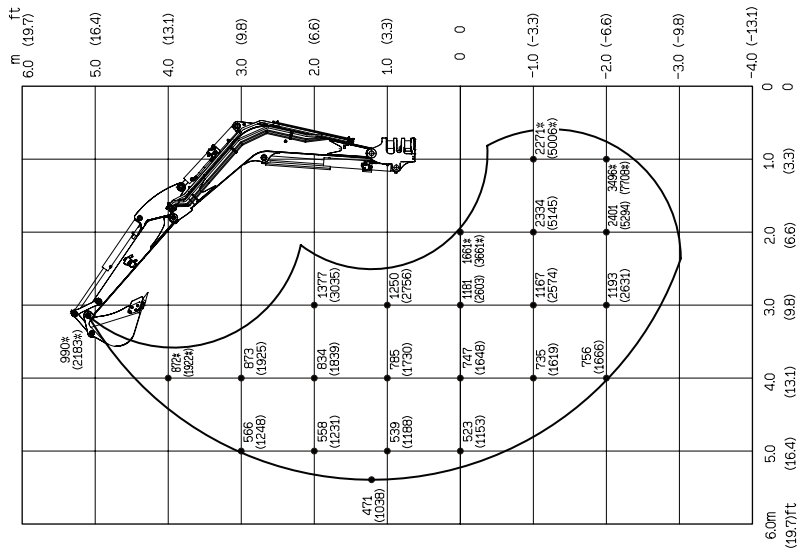
<Canopy> Long arm (Applicable machine models 126100003 or later)



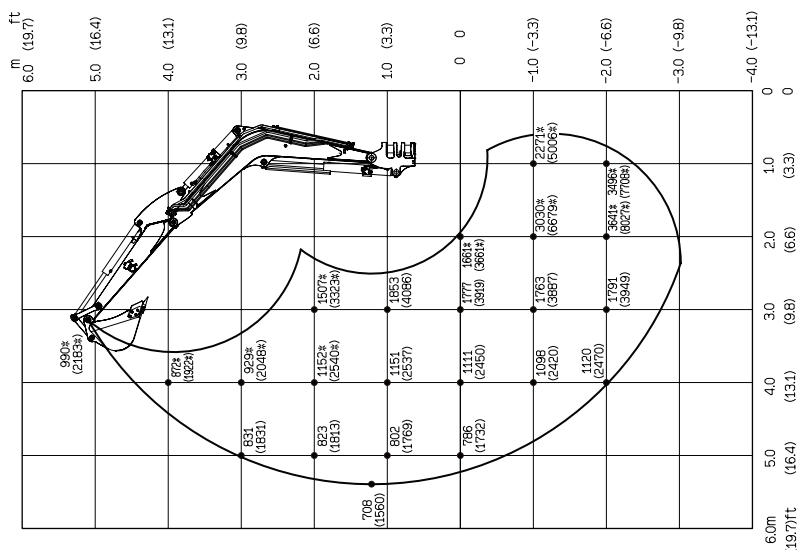


<Canopy> Long arm (Applicable machine models 12610003 or later)

Over Side



Over Rear



Units: daN(lbs.)

