SPECIFICATIONS

BASIC SPECIFICATIONS

Type				Canopy
MASS				
Operating mass	kg (lb)	Rubber crawlers		1575 (3470)
PERFORMANCE				
Bucket capacity (Standard bucket)	m^3 (cu. ft.)	Heaped		0.038 (1.34)
		Struck		0.028 (0.99)
Slew speed	min^{-1} (rpm)			9.2 (9.2)
Travel speed	km/h (mph)	Rubber crawlers	1st	2.2 (1.37)
			2nd	4.2 (2.61)
Gradeability	(degrees)			15
Ground pressure	kPa (psi)	Rubber crawlers		26.2 (3.8)
Noise level	dB (A)	Sound power level		L_{WA} 93
		Emission sound pressure level at the operator's position (ISO 6396, 2008:)		L_{pA} 80
ENGINE				
Manufacturer and model				Yanmar 3TNV70-PTB1R
Rated output	Net (ISO 14396) kW/min^{-1} (hp/rpm)			11.5/2400 (15.4/2400)
	Net (ISO 9249/SAEJ 1349) kW/min^{-1} (hp/rpm)			11.0/2400 (14.6/2400)
Displacement	ml (cu.in.)			854 (52.1)
Starter	V-kW			12-1.0
Alternator	V-kW			12-0.48
Battery (IEC 60095-1)	V-A·h			12-48

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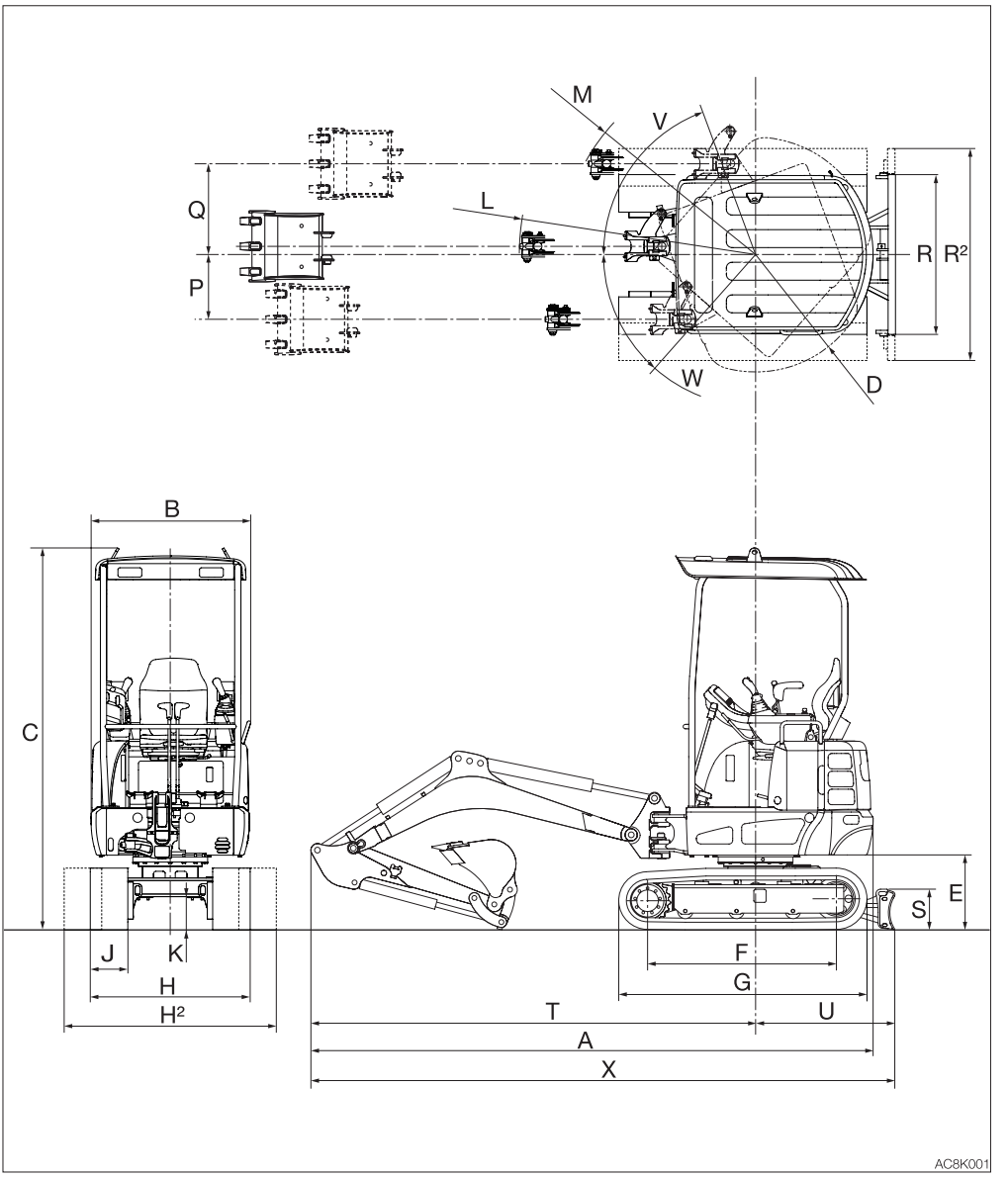
MACHINE DIMENSIONS



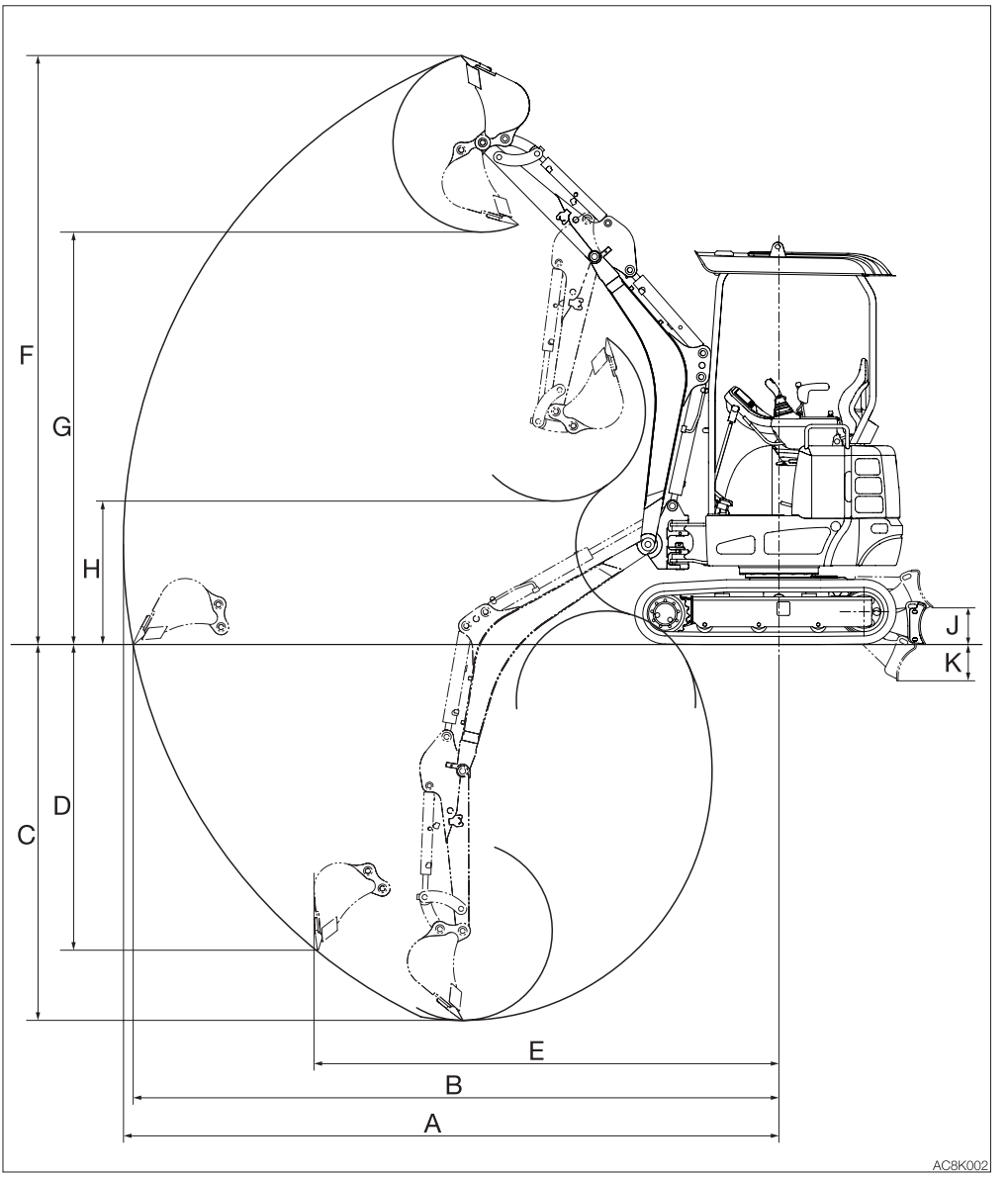
MACHINE DIMENSIONS

Unit: mm (inch)

	Item	Rubber crawlers
A	Overall length	3445 (135.6)
B	Upperstructure overall width	980 (38.5)
C	Overall height	2345 (92.2)
D	Slew radius	720 (28.3)
E	Clearance height under upperstructure	460 (18.1)
F	Crawler base	1155 (45.6)
G	Crawler overall length	1520 (59.9)
H	Crawler overall width (narrow)	980 (38.6)
H²	Crawler overall width (wide)	1300 (51.2)
J	Crawler shoe width	230 (9.1)
K	Ground clearance of undercarriage	205 (8.0)
L	Minimum radius of equipment and attachment	1450 (57.0)
M	Minimum radius of equipment at maximum front offset	1185 (46.7)
P	Offset distance of bucket (right swing)	395 (15.6)
Q	Offset distance of bucket (left swing)	555 (21.9)
R	Dozer blade width (narrow)	980 (38.6)
R²	Dozer blade width (wide)	1300 (51.2)
S	Dozer blade height	250 (9.8) / 310 (12.2)*
T	Front distance to axis of rotation	2725 (107.3)
U	Dozer blade distance to axis of rotation	855 (33.6) / 1200 (47.2)*
V	Boom swing angle (Left)	70°
W	Boom swing angle (Right)	50°
X	Overall length (dozer blade at rear)	3585 (141.1) / 3970 (156.3)*

*: Equipped with a long blade

OPERATING RANGES



Unit: mm (inch)

	Item	Rubber crawlers
A	Maximum reach	3815 (150.2)
B	Maximum reach at ground reference plane	3760 (148.0)
C	Maximum digging depth	2190 (86.2)
D	Maximum vertical digging depth	1780 (70.1)
E	Reach at maximum vertical digging depth	2705 (106.5)
F	Maximum height of cutting edge	3430 (135.1)
G	Maximum dumping height	2400 (94.6)
H	Minimum dumping height	835 (32.9)
J	Dozer blade maximum lifting	215 (8.4) / 360 (14.2)*
K	Dozer blade maximum lowering	210 (8.3) / 365 (14.4)*

*: Equipped with a long blade

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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.

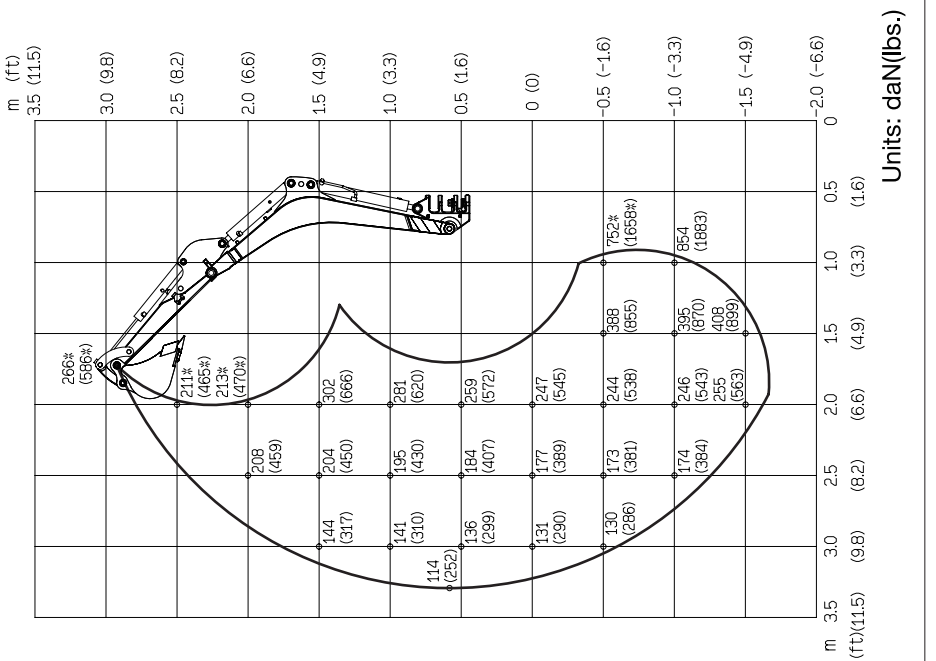
1. A system which can withstand twice the rated lift capacity no matter at what position the load is applied.
2. A system that poses no risk of the lifted load falling from the hooking device. For example, equipped with a hook slippage prevention device.
3. A system that poses no risk of the hooking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

Equipped with a standard blade

Over Front ; Dozer Blade Up



Units: daN(lbs.)

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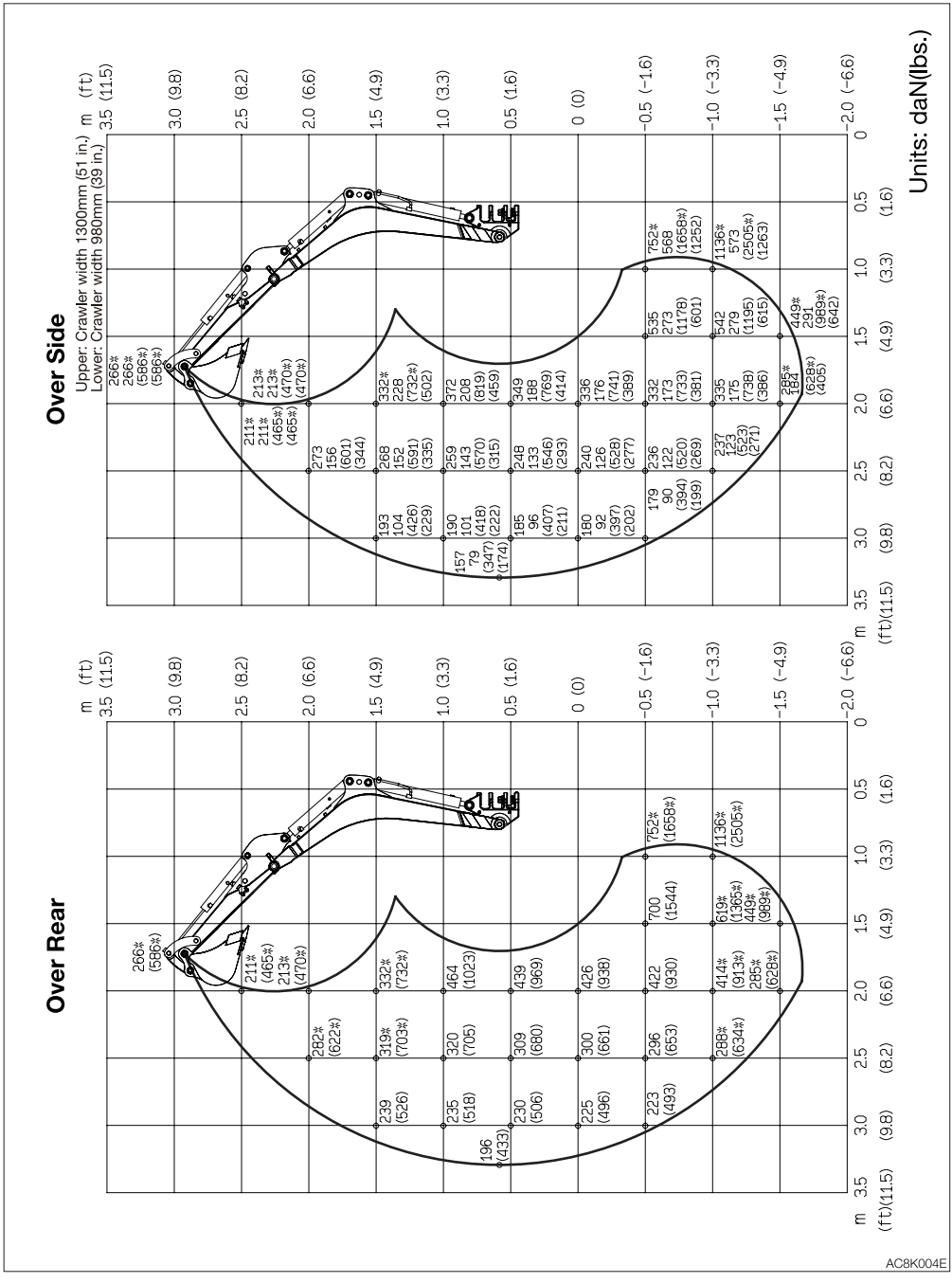
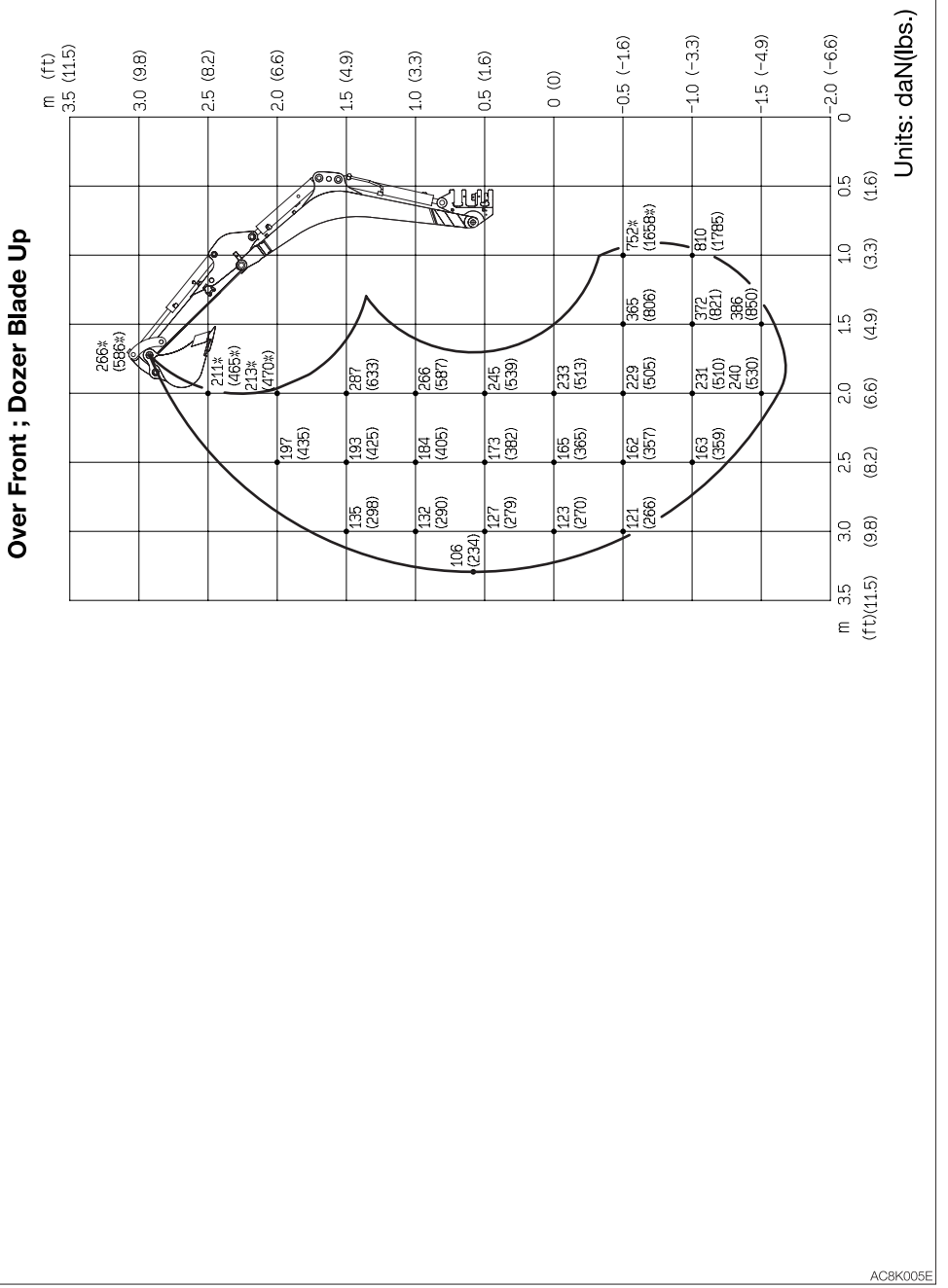
Equipped with a standard blade



Equipped with a long blade



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Equipped with a long blade