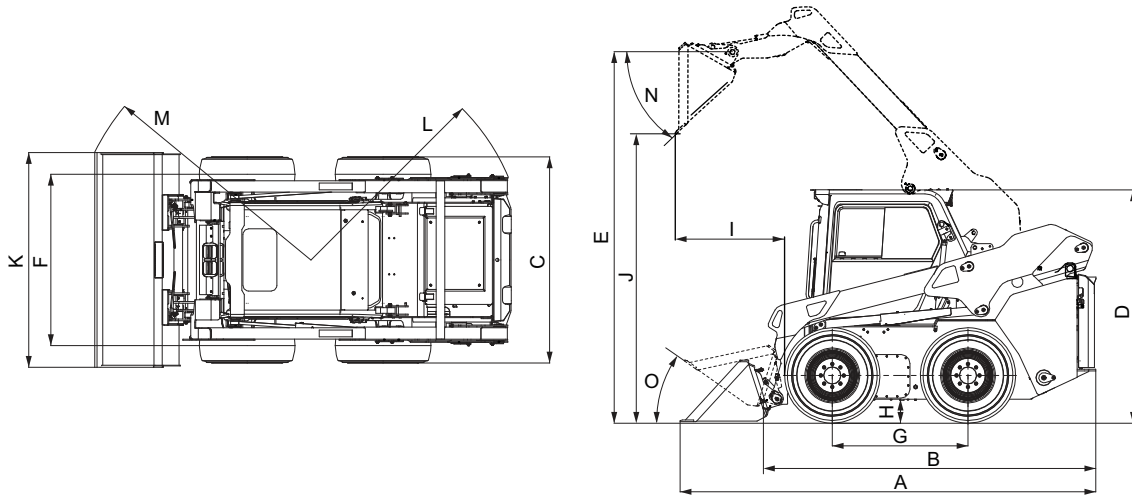


3. SPECIFICATIONS

1. EXTERNAL DIMENSIONS

1) HS80V, HS120V



LF10301B

Item		Unit	HS80V	HS120V	Remarks
Overall length	A	mm (ft-in)	3520 (11' 7")	3675 (12' 7")	Including the bucket
Overall length	B		2880 (9' 5")	2960 (9' 9")	Excluding the bucket
Overall width	C		1690 (5' 7")	1820 (6' 0")	Excluding the bucket
Overall height	D		2143 (7' 0")	2161 (7' 1")	
Overall height (To hinge pin)	E		3030 (9' 11")	3215 (10' 7")	Hinge pin
Tread	F		1450 (4' 9")	1513 (5' 0")	
Wheelbase	G		1080 (3' 7")	1200 (3' 11")	
Minimum ground clearance	H		140 (5.5")	195 (7.7")	
Dump reach	I		966 (3' 2")	949 (3' 1")	
Dump height	J		2258 (7' 5")	2473 (8' 1")	
Bucket width	K		1730 (5' 8")	1890 (6' 2")	
Turning radius	L		1713 (5' 4")	1788 (5' 10")	Rear
Turning radius	M		2177 (7' 2")	2158 (7' 1")	Frontal bucket
Dump angle	N	degree (°)	44	42	
Rollback angle (Carry position)	O		27	29	Driving position

2. GENERAL SPECIFICATIONS

Item				HS80V	HS120V
Engine	Model			4HT5	4HTI5
	Rated power (Gross)		HP(kW)	49.5 (54.9)	73.6 (54.9)
	Rated RPM		rpm	2400	2400
	No. of cylinders			4 cylinders	4 cylinders
	Displacement		cc (cu in.)	2,435 (148)	2,435 (148)
Capacity	Fuel tank		us gal (ℓ)	24.8 (94)	26.4 (100)
	Engine oil (including the filter)		us gal (ℓ)	2.4 (9)	2.4 (9)
	Coolant		us gal (ℓ)	2.75 (10.4)	2.75 (10.4)
	Hydraulic tank		us gal (ℓ)	8.2 (31)	10.0 (38)
	Chain box (LH/RH)		us gal (ℓ)	3.4 (13)	3.4 (13)
Hydraulic	Basic flow	Loader pressure	bar (psi)	219 (3176)	230 (3335)
		Loader flow	lpm (gpm)	64 (16.9)	82.9 (21.9)
		Hydraulic output	HP (kW)	30.7 (22.9)	41.8 (31.1)
	High flow (opt)	Loader pressure	bar (psi)	-	150 (2176)
		Loader flow	lpm (gpm)	-	34 (128.8)
Driving	Speed - Low range		mph (kph)	7.08 (11.4)	7.15 (11.5)
	Speed - High range		mph (kph)	N/A	12.05 (19.4)
	Tires			10-16.5-8PR	12-16.5-12PR
Operation	Operation weight (with operator)		kg (lb)	3404 (7505)	3793 (8362)
	Rated operation capacity (including the counterweight)		kg (lb)	-	1220 (2689)
	Tipping load		kg (lb)	1770 (3902)	2440 (5380)
	Breakout force, tilt (bucket)		kg (lb)	1710 (3770)	2500 (5512)
	Breakout force, lift		kg (lb)	1745 (3847)	2275 (5016)
	Bucket capacity	m³	Rated	0.3	0.35
			Heaped	0.4	0.44
	Elevation trajectory			Vertical direction	Vertical direction
	Operation type			ISO pilot	ISO pilot
Cabin	ROPS			O	O
	FOPS			O	O
	FOPS level II			X	X
Noise	Interior (ISO 6396:2008)			80	80
	Exterior (EU Directive 2000/14/EC)			101	101

※ The specifications are subject to change without notice.

3. LIST OF OPTIONS

Item	HS80V	HS120V
Seat belt (3 inch)	N/A	Option
Hydraulic oil (VG 32)	Option	Option
Bucket - 64"(0.31 m ²)	N/A	Option
Bucket - 74"(0.44 m ²)	N/A	Option
Bucket - 78"(0.56 m ²)	N/A	Option
Sweeper	Option	Option
Fork - 1050 L	Option	Option
Grapple (tongs)	Option	Option
Radio / Bluetooth / UsB	Option	Option
Pre-cleaner	N/A	Option
LUXEN (PC) glass	Option	Option
Solid tire, 8.25-15	Option	Option

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