

V O L V O



L30G, L35G, L45H, L60H, L70H, L90H, L110H, L120H, L150H, L180H, L220H

WHEEL LOADERS IN WASTE HANDLING

Volvo Construction Equipment

Compact machine, big performance

Volvo L30G, L35G and L45H waste handlers

Mechanical tilt speed limiter

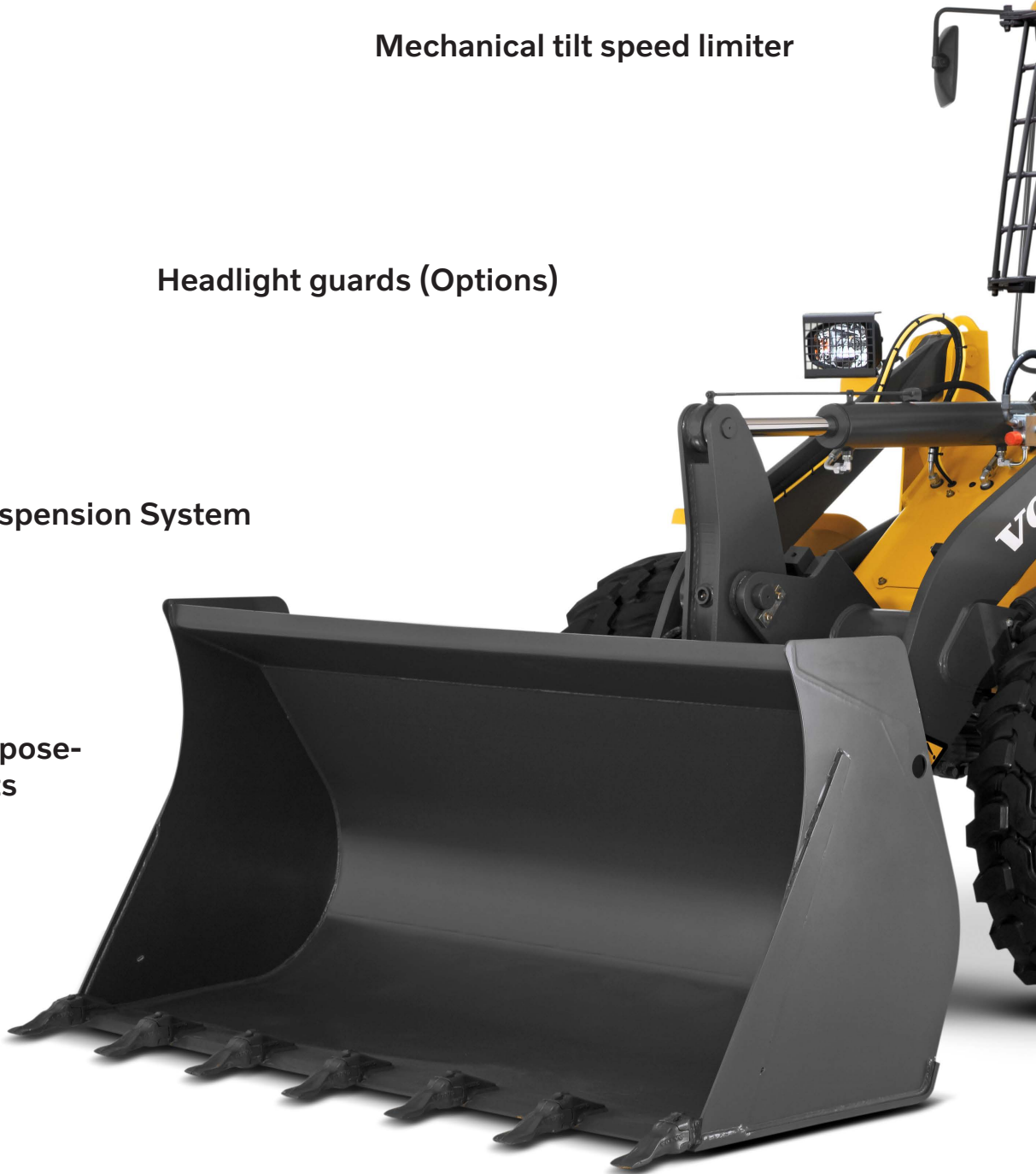
Headlight guards (Options)

Boom Suspension System

**Range of purpose-
made buckets**

**Hydraulic attachment bracket,
including 3rd function**

Application-related tires



**Windshield and rear
window guards (Options)**



Air-suspended and heated seat

**Cab and engine air
pre-cleaners (Options)**

Rear hood protection (Option)

Reversible fan (Option)

Taillight guards (Option)

Front and rear belly guards (Options)

Designed for waste management

Volvo L60H to L220H waste handlers

**Load Assist apps, powered
by Volvo Co-Pilot**

Durable by design

- Guarding on headlight and taillight
- Front belly guard
- Heavy-duty cover plate on front frame
- Guarding on center hinge and rear frame
- Radiator grill guard
- Grease nipple guards
- Guarding on windshield (STANDARD), side and rear windows (Options)
- Boom cylinder, hose and tube guards (STANDARD)
- Under cab cover plates (STANDARD)
- Rear belly guard (STANDARD)
- Wheel/axle seal guards) (STANDARD)

Long boom (Option)

**Matched Volvo
Attachments,
including attachment
bracket and buckets**



Removed front fender

Emergency stop

Solid tires (Option)

**Exclusive Volvo Respa CF2
cab-filtration system**

**Cab and engine air
pre-cleaners**

Fire Suppression System

**Collision
mitigation system
(L110H - L220H)**

**Powerful Volvo
engine with
rimpull control**

**Axle oil cooler
(optional
L70H-L220H)**

**Flexible rear step
(Option – L60H, L70H)**

**Rubber-suspended
cab ladder**



Outstanding versatility

With the attachment bracket and full range of Volvo Attachments, your Volvo Wheel Loader can take on an impressive range of tasks, which would otherwise require specialist equipment. What's more, only by using Volvo Attachments can you be sure to get the most from your Volvo machine in terms of productivity, fuel efficiency and uptime, and protect your investment in the tough waste and recycling environments.

More information can be found in the Attachments brochure, or in the Attachments selector tool, available for iOS on App store, for Android on Play Store and China Android Store.

Attachment bracket

First introduced by Volvo in 1954, the ISO standardized attachment bracket enables the quick, easy and safe switching between attachments – all from the comfort of the cab.



High-Tip with side mounted cylinders bucket (L60H-L120H) High-Tip – Light Material bucket (L30G, L35G)



Refuse tamping bucket (L90H-L220H) Refuse tamping with clamp arm bucket (L90H-L220H)



Refuse bucket (L60H-L220H)



Refuse bucket (L45H)



Light Material bucket (L30G-L220H)



Scrap bucket (L30G-L45H)



Clamp bucket (L30G-L45H)



General Purpose bucket (L30G-L45H)



Custom-Built Attachments

When your operation requires a unique attachment design, then a custom-built attachment could be the answer. Receive support and tailored advice from your Volvo dealer and our in-house attachments specialist to help you define the right attachment specification for you.



Configured for success

Benefit from all the features and functions found on a standard Volvo Wheel Loader, combined with the specialist equipment needed to succeed in waste recycling industries. In addition to the waste handling package, there are a number of other options we can offer to help you achieve optimum results in waste management application.

- Included in the Waste Handling package
- * Included in standard machine configuration
- o Optional equipment

Depending on the country, some optional equipment listed below may be included in the standard machine configuration.

Depending on the country, some equipment listed below in the standard machine configuration may be optional.

Certain equipment features or combinations do not allow an on-road approval of the machine. The country-specific requirements must be checked locally.

	VOLVO WASTE HANDLERS		
	L30GS	L35GS	L45H
Attachment bracket	•	•	•
Hydraulic, 3 functions <i>Couplings included</i>	•	•	•
Hydraulic, 4 functions	o	o	o
Boom Suspension System, BSS	•	•	•
Application-related tires, 405/70R20	•	•	•
Front mudflaps	•	•	•
Mudguard extensions/Extended fenders	o	o	o
Air-suspended and heated seat	•	•	•
Noise optimization for cab			•
Tilt speed limiter, mechanic	•	•	•
Rear-view camera	o	o	•*
Long boom	o		
Front belly guard	o	o	o
Rear belly guard	o	o	o
Lights protection	o	o	o
Grease nipple guards <i>Not compatible with Automatic Lubrication System</i>	o	o	
Windshield guards	o	o	o
Protection guard on engine hood	o	o	o
Engine air pre-cleaners- Turbo II, Cyclone or Oil bath	o	o	o
Reversible cooling fan	o	o	o
Reverse alarm - Audible, Multi-frequency or Strobe	o	o	o
Foldable LED warning beacon	•	•	•
Rear view mirror inside cab	o	o	•
Enhanced outside rear view mirrors	o	o	
Hand inch valve	•	•	o
Comfort Drive Control, CDC			o
Automatic lubrication system	o	o	o
Auto engine shutdown	o	o	o
Large tilt cylinder (Ø +15mm compared to standard cylinder)			o
Tilt speed limiter, hydraulic	o	o	o
Boom Suspension System + Hose Rupture Valve lift/tilt			o

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- o Optional equipment

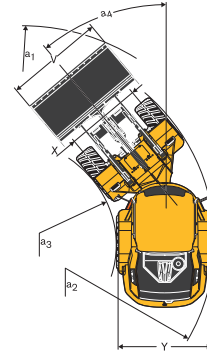
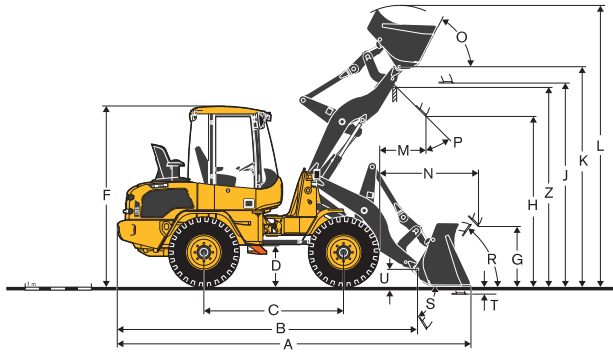
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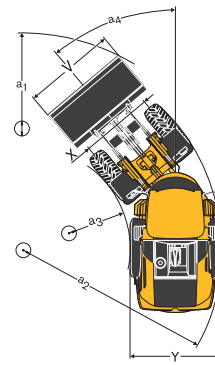
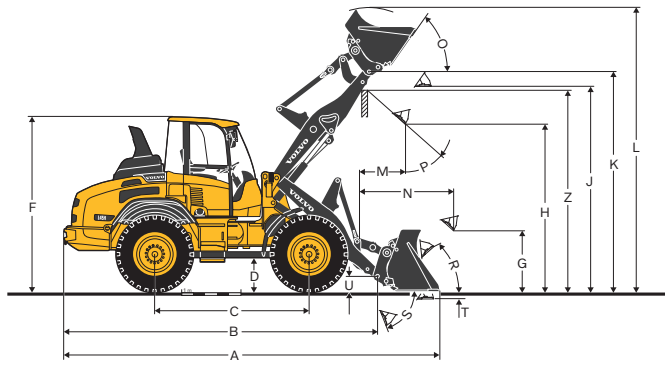
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	VOLVO WASTE HANDLERS							
	L60H	L70H	L90H	L110H	L120H	L150H	L180H	L220H
Boom Suspension System, BSS	•	•	•	•	•	•	•	•
Engine air pre-cleaner - Turbo II, Cyclone or Oil bath type <i>Talk to your dealer to select the best alternative</i>	•	•	•	•	•	•	•	•
Reversible cooling fan (L60H)	•	•	•	•	•	•	•	•
Reversible cooling fan with axle oil cooler (L70H and up)	•	•	•	•	•	•	•	•
Reverse alarm - Audible, Multi-frequency	•	•	•	•	•	•	•	•
Radiator grille guard	•	•	•	•	•	•	•	•
Heavy-duty tail light guard	•	•	•	•	•	•	•	•
Headlight guards	•	•	•	•	•	•	•	•
Center hinge and rear frame guard	•	•	•	•	•	•	•	•
Grease nipple guards	•	•	•	•	•	•	•	•
Front belly guard	•	•	•	•	•	•	•	•
Rear belly guard	•	•	•	•	•	•	•	•
Cover plates under cab	•	•	•	•	•	•	•	•
Cover plates on front/rear axle	•	•	•	•	•	•	•	•
Wheel/axle seal guards <i>For use with Volvo rims only</i>	•	•	•	•	•	•	•	•
Windshield guards	•	•	•	•	•	•	•	•
Side and rear window guards	o	o	o	o	o	o	o	o
Long boom	o	o	o	o	o	o	o	o
Respa cab air filtration	•	•	•	•	•	•	•	•
Warning beacon	•	•	•	•	•	•	•	•
Attachment bracket	o	o	o	o	o	o	o	o
Attachment locking	o	o	o	o	o	o	o	o
Hydraulic, 3 functions	o	o	o	o	o	o	o	o
Hydraulic, 4 functions	o	o	o	o	o	o	o	o
Comfort Drive Control, CDC	o	o	o	o	o	o	o	o
Radar detect system	o	o	o	o	o	o	o	o
Fire suppression system	•	•	•	•	•	•	•	•
Reflective sticker for machine contour	o	o	o	o	o	o	o	o
Automatic lubrication system	o	o	o	o	o	o	o	o
Boom cylinder hose & tube guards	•	•	•	•	•	•	•	•
Emergency stop	o	o	o	o	o	o	o	o
Solid tire options	o	o	o	o	o	o	o	o
Automatic engine shutdown	•	•	•	•	•	•	•	•
Delayed engine shutdown	o	o	o	o	o	o	o	o
Limited slip rear axle	•	•	•	•	•	•	•	•
Rubber suspended cab ladder	•	•	•	•	•	•	•	•
Flexible rear step	•	•	•	•	•	•	•	•
Seatbelt indicator	•	•	•	•	•	•	•	•
Deleted front fender	•	•	•	•	•	o	o	o
Shortened headlamp bracket	•	•	•	•	•	•	•	•
Speed limiter	•	•	•	•	•	•	•	•
Reversing Warning light, automatic	•	•	•	•	•	•	•	•
HD main valve cover and differential lock guard	•	•	•	•	•	•	•	•
Rear-view camera	•	•	•	•	•	•	•	•
Front-view camera <i>Rear-view camera is a pre-requisite</i>	o	o	o	o	o	o	o	o

Specifications

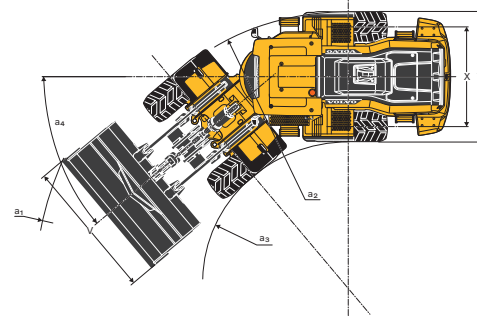
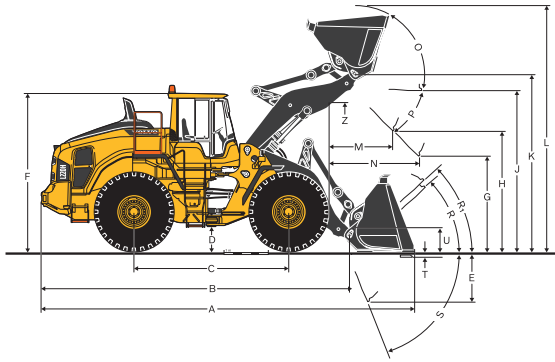


			L30GS Z-BAR		L35GS Z-BAR	
Bucket			LIGHT MATERIAL			
			1.5 m ³ (2.0 yd ³) LM Z without Bolt-On Edge		1.5 m ³ (2.0 yd ³) LM Z with Bolt-On Edge	
Tires			Application-related hard surface tires, 405/70R20			
Volume heaped ISO/SAE	m ³	yd ³	1.5	2.0	1.5	2.0
Static tipping load, straight	kg	lb	4 050	8,929	4 650	10,251
at full turn 40°	kg	lb	3 600	7,937	4 050	8,929
Hydraulic lifting capacity, max.	kN	lbf	54	12,140	58	13,039
Breakout force	kN	lbf	44	9,892	44	9,892
A	mm	ft in	5 550	18'3"	5 690	18'8"
B	mm	ft in	4 480	14'8"	4 485	14'9"
C	mm	ft in	2 150	7'1"	2 150	7'1"
D	mm	ft in	600	1'12"	610	2'0"
F	mm	ft in	2 740	8'12"	2 745	9'0"
G	mm	ft in	900	2'11"	900	2'11"
H	mm	ft in	2 385	7'10"	2 470	8'1"
J	mm	ft in	3 060	10'0"	3 145	10'4"
K	mm	ft in	3 260	10'8"	3 345	11'0"
L	mm	ft in	4 420	14'6"	4 500	14'9"
M	mm	ft in	860	2'10"	935	3'1"
N	mm	ft in	1 640	5'5"	1 755	5'9"
O	°		70		66	
P _{max}	°		45		45	
R	°		50		50	
S	°		140		135	
T	mm	ft in	50	0'2"	95	0'4"
U	mm	ft in	200	0'8"	200	0'8"
V	mm	ft in	2 000	6'7"	2 000	6'7"
X	mm	ft in	1 482	4'10"	1 532	5'0"
Y	mm	ft in	1 835	6'0"	1 932	6'4"
Z	mm	ft in	2 960	9'9"	3 050	10'0"
a ₁	mm	ft in	8 730	28'8"	8 825	28'11"
a ₂	mm	ft in	3 900	12'10"	3 960	13'0"
a ₃	mm	ft in	2 030	6'8"	1 980	6'6"
a ₄	°		±40		±40	
Operating weight	kg	lb	5 600	12,346	6 200	13,669



			L45H TPV					
Bucket			GENERAL PURPOSE		REFUSE		SCRAP	
			1.4 m³ with and without teeth		1.5 m³ without teeth		1.3 m³ without teeth	
Tires			Application-related, 375/85-24					
Volume heaped	m³	yd³	1.4	1.8	1.5	2	1.3	1.7
Static tipping load, straight	kg	lb	6 280	13,845	5 760	12,699	5 880	12,963
at full turn	kg	lb	5 560	12,258	5 100	11,244	5 200	11,464
Hydraulic lifting capacity, max.	kN	lbf	70	15,737	70	15,737	70	15,737
Breakout force	kN	lbf	71	15,961	N/A		N/A	
A	mm	ft in	6 338	20 9	6 523	215 5	6 473	21 3
B	mm	ft in	5 293	17 4	5 293	17 8	5 293	17 4
C	mm	ft in	2 650	8 8	2 650	8 8	2 650	8 8
D	mm	ft in	422	15	422	15	422	15
F	mm	ft in	2 977	9 9	2 977	9 9	2 977	9 9
G (at 45°)	mm	ft in	1 019	3 4	870	2 10	909	2 11
H	mm	ft in	2 797	9 2	2 671	8 9	2 701	8 10
J	mm	ft in	3 434	11 3	3 434	11 3	3 429	11 3
K	mm	ft in	3 687	12 1	3 687	12 1	3 687	12 1
L	mm	ft in	4 750	15 7	5 179	17 0	5 003	16 5
M	mm	ft in	932	3 1	1 068	3 6	1 028	3 4
N (at 45°)	mm	ft in	1 769	5 10	1 872	6 2	1 843	6 0
O	°		54		54		54	
P _{max}	°		43		43		43	
R	°		40		40		40	
S	°		76		76		76	
T	mm	ft in	83	0.2	83	0.2	88	0.3
U	mm	ft in	253	0.8	254	9 9	258	10
V	mm	ft in	2 250	7 5	2 250	7 5	2 250	7 5
X	mm	ft in	1 780	5 10	1 780	5 10	1 780	5 10
Y	mm	ft in	2 159	7 1	2 159	7 1	2 159	7 1
Z	mm	ft in	3 438	11 3	3 438	11 3	3 438	11 3
a ₁	mm	ft in	5 183	17 0	5 239	17 2	5 224	17 2
a ₂	mm	ft in	4 765	15 8	4 765	15 8	4 765	15 8
a ₃	mm	ft in	2 556	8 5	2 556	8 5	2 556	8 5
a ₄	°		40		40		40	
Operating weight	kg	lb	9 837	21,687	10 115	22,300	10 040	22,134

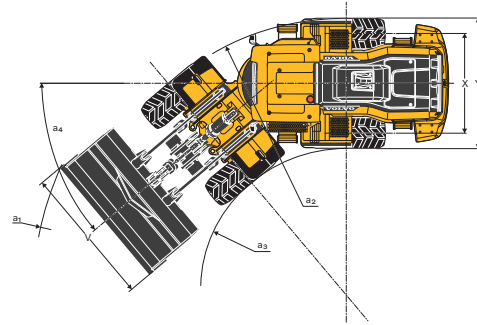
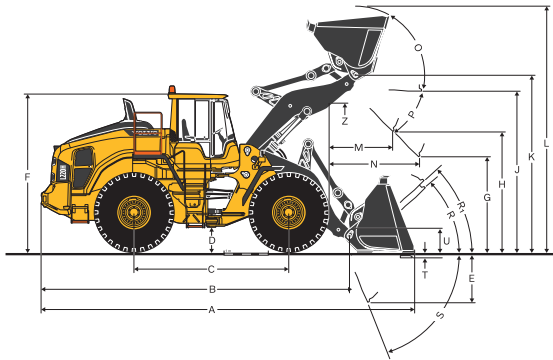
Specifications



			Standard boom									
			L60H		L70H		L90H		L110H		L120H	
Bucket			3.1 m³ (4.0 yd³) LM P		3.4 m³ (4.7 yd³) LM P		4.1 m³ (5.4 yd³) LM P		5.5 m³ (7.2 yd³) LM P		5.5 m³ (7.2 yd³) LM P	
Tires			SOLID SMOOTH									
Tires size			20.5x25						23.5x25			
Volume heaped ISO/SAE	m³	yd³	3.1	4.05	3.4	4.45	4.1	5.4	5.5	7.2	5.5	7.2
Volume at 110% fill factor	m³	yd³	3.4	4.4	3.7	4.8	4.5	5.9	6.1	8.0	6.1	8.0
Static tipping load straight	kg	lb	11 040	24,339	12 020	26,500	13 660	30,115	17 810	39,264	18 740	41,315
at 35° turn	kg	lb	9 960	21,958	10 830	23,876	12 220	26,940	15 940	35,142	16 730	36,883
at full turn	kg	lb	9 640	21,253	10 480	23,104	11 790	25,992	15 390	33,929	16 140	35,583
Breakout force	kN	lbf	66	14,837	77	17,310	107	24,055	121	27,202	128	28,776
A	mm	ft in	7 550	24'9"	7 640	25'1"	7 890	25'11"	8 420	27'7"	8 530	28'0"
B	mm	ft in	6 010	19'9"	6 080	19'11"	6 170	20'3"	6 550	21'6"	6 660	21'10"
C	mm	ft in	3 000	9'10"	3 000	9'10"	3 050	10'0"	3 200	10'6"	3 200	10'6"
D	mm	ft in	480	1'7"	490	1'7"	490	1'7"	490	1'7"	490	1'7"
E	mm	ft in	1 340	4'5"	1 320	4'4"	1 450	4'9"	1 550	5'1"	1 570	5'2"
F	mm	ft in	3 320	10'11"	3 330	10'11"	3 330	10'11"	3 440	11'3"	3 440	11'3"
G	mm	ft in	2 134	7'0"	2 134	7'0"	2 134	7'0"	2 134	7'0"	2 134	7'0"
H**	mm	ft in	2 670	8'9"	2 660	8'9"	2 720	8'11"	2 560	8'5"	2 620	8'7"
J	mm	ft in	3 620	11'11"	3 630	11'11"	3 780	12'5"	3 780	12'5"	3 840	12'7"
K	mm	ft in	3 910	12'10"	3 920	12'10"	4 090	13'5"	4 090	13'5"	4 150	13'7"
L	mm	ft in	5 260	17'3"	5 420	17'9"	5 620	18'5"	5 830	19'2"	5 890	19'4"
M**	mm	ft in	1 220	4'0"	1 280	4'2"	1 250	4'1"	1 450	4'9"	1 490	4'11"
N**	mm	ft in	1 620	5'4"	1 670	5'6"	1 740	5'9"	1 830	6'0"	1 920	6'4"
O		°		56		56		57		55		54
P _{max}		°		43		43		43		48		47
R		°		41		41		42		39		40
R ₁		°		48		48		49		45		47
S		°		77		66		65		64		65
T	mm	ft in	58	0'2"	53	0'2"	52	0'2"	24	0'1"	33	0'1"
U	mm	ft in	500	1'8"	500	1'8"	520	1'8"	540	1'9"	560	1'10"
V	mm	ft in	2 550	8'4"	2 650	8'8"	2 750	9'0"	3 000	9'10"	3 000	9'10"
X	mm	ft in	1 900	6'3"	1 930	6'4"	1 960	6'5"	2 070	6'9"	2 070	6'9"
Y	mm	ft in	2 440	8'0"	2 470	8'1"	2 490	8'2"	2 680	8'10"	2 680	8'10"
Z	mm	ft in	3 250	10'8"	3 210	10'6"	3 510	11'6"	3 370	11'1"	3 390	11'1"
a ₁	mm	ft in	11 970	39'3"	12 080	39'8"	12 430	40'9"	13 190	43'3"	13 260	43'6"
a ₂	mm	ft in	5 340	17'6"	5 350	17'7"	5 440	17'10"	5 730	18'10"	5 730	18'10"
a ₃	mm	ft in	2 900	9'6"	2 890	9'6"	2 940	9'8"	3 060	10'0"	3 060	10'0"
a ₄		°		40		40		40		40		40
Operating weight	kg	lb	14 960	32,981	16 740	36,905	18 390	40,543	23 080	50,883	23 820	52,514

* Calculated with protective parts such as radiator grill guard, towing device, belly guards, etc.

** Measured to the tip of the bolt-on edge. Dump height to bucket edge measured at 45° dump angle. Note: This only applies to genuine Volvo attachments.



		Standard boom							
				L150H		L180H		L220H	
				6.8 m³ (8.9 yd³) LM P		7.8 m³ (10.2 yd³) LM P		8.2 m³ (10.7 yd³) LM P	
Bucket		Light Material Bucket							
Tires		SOLID SMOOTH					SOLID TRACTION		
Tires size		26.5x25					29.5x25		
Volume heaped ISO/SAE	m³	yd³	6.8	8.9	7.8	10.2	8.2	10.7	
Volume at 110% fill factor	m³	yd³	7.5	9.8	8.6	11.2	9.0	11.8	
Static tipping load straight	kg	lb	21 740	47,928	24 870	54,829	27 930	61,575	
at 35° turn	kg	lb	19 550	43,100	22 240	49,031	24 980	55,071	
at full turn	kg	lb	19 310	42,571	21 950	48,391	24 640	54,322	
Breakout force	kN	lbf	146	32,822	173	38,892	190	42,714	
A	mm	ft in	9 080	29'9"	9 330	30'7"	9 540	31'4"	
B	mm	ft in	7 060	23'2"	7 200	23'7"	7 490	24'7"	
C	mm	ft in	3 550	11'8"	3 550	11'8"	3 700	12'2"	
D	mm	ft in	530	1'9"	530	1'9"	570	1'10"	
E	mm	ft in	1 660	5'5"	1 820	5'12"	1 700	5'7"	
F	mm	ft in	3 630	11'11"	3 630	11'11"	3 760	12'4"	
G	mm	ft in	2 134	7'0"	2 134	7'0"	2 134	7'0"	
H**	mm	ft in	2 670	8'9"	2 740	8'12"	2 960	9'9"	
J	mm	ft in	3 970	13'0"	4 100	13'5"	4 300	14'1"	
K	mm	ft in	4 380	14'4"	4 510	14'10"	4 700	15'5"	
L	mm	ft in	6 140	20'2"	6 340	20'10"	6 500	21'4"	
M**	mm	ft in	1 580	5'2"	1 630	5'4"	1 610	5'3"	
N**	mm	ft in	1 980	6'6"	2 100	6'11"	2 210	7'3"	
O		°	58		57		56		
P _{max}		°	48		48		45		
R		°	44		44		42		
R ₁		°	48		49		48		
S		°	64		68		63		
T	mm	ft in	46	0'2"	90	0'4"	55	0'2"	
U	mm	ft in	570	1'10"	610	2'0"	660	2'2"	
V	mm	ft in	3 200	10'6"	3 400	11'2"	3 700	12'2"	
X	mm	ft in	2 280	7'6"	2 280	7'6"	2 400	7'10"	
Y	mm	ft in	3 000	9'10"	3 000	9'10"	3 170	10'5"	
Z	mm	ft in	3 550	11'8"	3 850	12'8"	4 090	13'5"	
a ₁	mm	ft in	15 120	49'7"	15 460	50'9"	16 250	53'4"	
a ₂	mm	ft in	6 810	22'4"	6 810	22'4"	7 110	23'4"	
a ₃	mm	ft in	3 800	12'6"	3 800	12'6"	3 950	13'0"	
a ₄		°	37		37		37		
Operating weight	kg	lb	29 730	65,543	32 640	71,959	37 880	83,511	

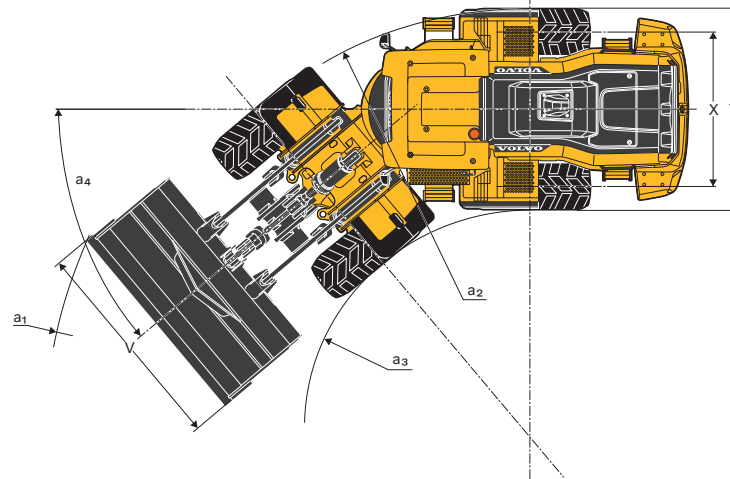
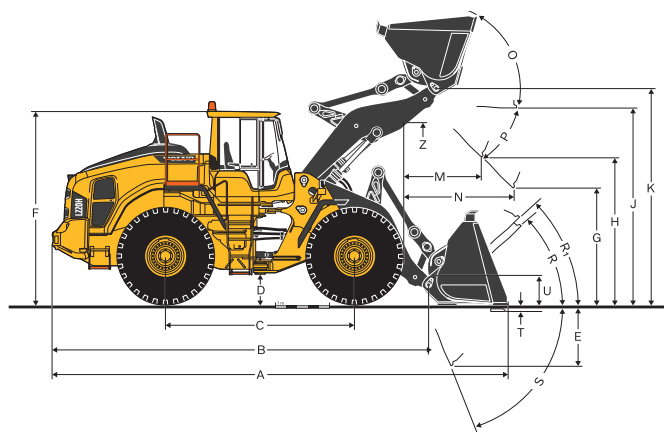
* Calculated with protective parts such as radiator grill guard, towing device, belly guards, etc.

** Measured to the tip of the bolt-on edge. Dump height to bucket edge measured at 45° dump angle. Note: This only applies to genuine Volvo attachments.

Specifications

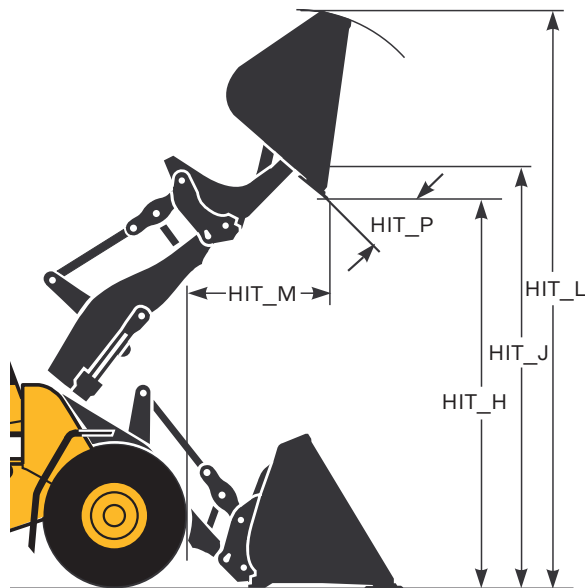
Supplemental Data			Long boom									
			L60H		L70H		L90H		L110H		L120H	
Static tipping load, straight	kg	lb	-2 050	-4,519	-2 210	-4,872	-2 080	-4,586	-3 560	-7,848	-3 530	-7,782
at 35° turn	kg	lb	-1 880	-4,145	-2 030	-4,475	-1 910	-4,211	-3 250	-7,165	-3 230	-7,121
at full turn	kg	lb	-1 830	-4,034	-1 970	-4,343	-1 850	-4,079	-3 160	-6,967	-3 140	-6,923
Breakout force	kN	lbf	+7	+1,574	-1	-225	+2	+450	+2	+450	+5	+1,124
A	mm	ft in	+530	+1'9"	+470	+1'7"	+420	+1'5"	+520	+1'8"	+510	+1'8"
B	mm	ft in	+510	+1'8"	+480	+1'7"	+430	+1'5"	+530	+1'9"	+480	+1'7"
E	mm	ft in	+30	+0'1"	+30	+0'1"	-20	-0'1"	-10	-0'0"	+10	+0'0"
H	mm	ft in	+550	+1'10"	+500	+1'8"	+440	+1'5"	+530	+1'9"	+520	+1'8"
J, K, L	mm	ft in	+520	+1'8"	+480	+1'7"	+420	+1'5"	+520	+1'8"	+520	+1'8"
M	mm	ft in	+0	+0'0"	-10	-0'0"	-40	-0'2"	-10	-0'0"	-30	-0'1"
N	mm	ft in	+470	+1'7"	+410	+1'4"	+390	+1'3"	+470	+1'7"	+470	+1'7"
O	°		+1		-4		+1		-1		+1	
P _{max}	°		-1		-1		-1		-3		+1	
R	°		+3		+1		+4		+1		+1	
R ₁	°		+4		+3		+5		+3		+3	
S	°		-2		+4		-1		-1		-3	
T	mm	ft in	+33	+0'1"	+3	+0'0"	+1	+0'0"	+4	+0'0"	+44	+0'0"
U	mm	ft in	+130	+0'5"	+130	+0'5"	+100	+0'4"	+130	+0'5"	+130	+0'5"
Z	mm	ft in	+390	+1'3"	+330	+1'1"	+450	+1'6"	+510	+1'8"	+380	+1'8"
a ₁	mm	ft in	+450	+1'6"	+420	+1'5"	+330	+1'1"	+470	+1'7"	+470	+1'7"
Operating weight	kg	lb	+230	+507	+260	+573	+290	+639	+230	+507	+270	+507

Supplemental Data			Long boom					
			L150H		L180H		L220H	
Static tipping load, straight	kg	lb	-4 090	-9,017	-4 210	-9,281	-3 130	-6,900
at 35° turn	kg	lb	-3 750	-8,267	-3 840	-8,466	-2 880	-6,349
at full turn	kg	lb	-3 720	-8,201	-3 810	-8,400	-2 840	-6,261
Breakout force	kN	lbf	+7	+1,574	+3	+674	+3	+674
A	mm	ft in	+530	+1'9"	+470	+1'7"	+320	+1'1"
B	mm	ft in	+500	+1'8"	+430	+1'5"	+320	+1'1"
E	mm	ft in	-10	-0'0"	+0	+0'0"	-30	-0'1"
H	mm	ft in	+570	+1'10"	+500	+1'8"	+370	+1'3"
J, K, L	mm	ft in	+570	+1'10"	+500	+1'8"	+360	+1'2"
M	mm	ft in	-20	-0'1"	+20	+0'1"	-30	-0'1"
N	mm	ft in	+470	+1'7"	+430	+1'5"	+280	+0'11"
O	°		+1		-2		-0	
P _{max}	°		-0		+0		-0	
R	°		+3		+3		+1	
R ₁	°		+4		+5		+2	
S	°		-5		-7		-3	
T	mm	ft in	+50	+0'2"	+79	+0'3"	+2	+0'0"
U	mm	ft in	+130	+0'5"	+110	+0'4"	+80	+0'3"
Z	mm	ft in	+460	+1'6"	+370	+1'3"	+330	+1'1"
a ₁	mm	ft in	+410	+1'4"	+350	+1'2"	+250	+0'10"
Operating weight	kg	lb	+410	+904	+310	+683	+390	+860



			Standard boom									
			L60H		L70H		L90H		L110H		L120H	
Bucket			3 m³ (3.9 yd³)		3.5 m³ (4.5 yd³)		4 m³ (5.2 yd³)		4.5 m³ (5.8 yd³)		5 m³ (6.5 yd³)HIT P	
			HIT H		HIT H		HIT H		HIT P			
	High Tip bucket with side-mounted cylinders											
Tires			SOLID SMOOTH									
Tires size			20.5x25						23.5x25			
Volume heaped ISO/SAE	m³	yd³	3.0	3.9	3.5	4.6	4.0	5.2	4.5	5.9	5.0	6.5
Volume at 110% fill factor	m³	yd³	3.3	4.3	3.85	5.0	4.4	5.8	4.95	6.5	5.5	7.2
Static tipping load, straight	kg	lb	10 240	22,575	9 720	21,429	11 670	25,728	15 270	33,665	15 880	35,009
at full turn	kg	lb	8 790	19,379	8 320	18,342	9 940	21,914	13 160	29,013	13 590	29,961
Breakout force	kN	lbf	56.8	12,769	63.6	14,298	94.1	21,155	120.2	27,022	121.2	27,247
A	mm	ft in	7 760	25'6"	7 950	26'1"	8 030	26'4"	8 470	27'9"	8 670	28'5"
HIT_P		°	37		36		41		40		41	
HIT_H	mm	ft in	4 170	13'8"	4 390	14'5"	4 940	16'2"	4 570	15'0"	4 570	15'0"
HIT_J	mm	ft in	4 650	15'3"	4 810	15'9"	5 090	16'8"	5 050	16'7"	5 110	16'9"
HIT_L	mm	ft in	6 010	19'9"	6 340	20'10"	6 550	21'6"	6 750	22'2"	6 850	22'6"
HIT_M	mm	ft in	1 530	5'0"	1 650	5'5"	1 710	5'7"	1 590	5'3"	1 690	5'7"
Bucket width	mm	ft in	2 750	9'0"	2 750	9'0"	3 000	9'10"	3 000	9'10"	3 000	9'10"
Operating weight	kg	lb	15 190	33,488	17 160	37,831	18 530	40,852	22 450	49,494	23 500	51,809

			Standard boom					
			L150H		L180H		L220H	
			6 m³ (7.8 yd³) HIT P		7 m³ (9.2 yd³) HIT P		7 m³ (9.2 yd³) HIT H	
Bucket			High Tip bucket with center-mounted cylinders					
Tires			SOLID SMOOTH				SOLID TRACTION	
Tires size			26.5x25				29.5x25	
Volume heaped ISO/SAE	m³	yd³	6.0	7.85	7.0	9.2	7.0	9.2
Volume at 110% fill factor	m³	yd³	6.6	8.6	7.7	10.1	7.7	10.1
Static tipping load, straight	kg	lb	22 470	49,538	25 870	57,034	27 200	59,966
at full turn	kg	lb	19 970	44,026	22 860	50,398	23 820	52,514
Breakout force	kN	lbf	154.3	34,688	181.9	40,893	185.4	41,680
A	mm	ft in	8 950	29'4"	9 200	30'2"	9 650	31'8"
HIT_P		°		27		28		29
HIT_H	mm	ft in	4 600	15'1"	4 680	15'4"	4 870	15'12"
HIT_J	mm	ft in	5 110	16'9"	5 240	17'2"	5 450	17'11"
HIT_L	mm	ft in	7 260	23'10"	7 330	24'1"	7 540	24'9"
HIT_M	mm	ft in	1 830	6'0"	1 900	6'3"	1 990	6'6"
Bucket width	mm	ft in	3 200	10'6"	3 400	11'2"	3 400	11'2"
Operating weight	kg	lb	29 050	64,044	31 750	69,997	37 210	82,034







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