

# AGGREGATES

# MANAGER

Your Guide  
to Profitable  
Production<sup>®</sup>

# SPEC GUIDE

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Randall  Reilly

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Make	Model	WEIGHTS		PERFORMANCE								BUCKET		
		Operating weight (metric tons)	Operating weight (lbs)	Arm (stick) length used for dimensions & forces (ft/in)	Max dig depth (ft/in)	Depth @ 8' bottom (ft/in)	Max depth of vertical wall (ft/in)	Reach @ ground level (ft/in)	Dump height (ft/in)	Arm (stick) force* (lbs)	Bucket digging force* (lbs)	Lift over ground, 20' radius @ (lbs)	Lift over side, 20' radius @ (lbs)	Bucket width, min-max (in)
<b>&gt;19 to 21 metric tons operating weight</b>														
Hyundai	R180LCD-7A	19.26	42,460	8' 6"	19' 11"	19' 3"	17' 10"	29' 1"	20' 6"	18,400	26,630	10,980	7,340	24.4" - 55.1"
Gradall	XL3200 III	19.81	39,616	--	19' 2"	17' 3"	2' 11"	27' 5"	15' 6"	22,075	19,300	4,995	4,995	15" - 72"
Caterpillar	319D L	19.9	43,870	10' 6"	22' 7"	22' 1"	18' 9"	31' 8"	22' 5"	18,142	25,606	12,700	6,500	24" - 48"
JCB	JS 190 NLC	20.0	44,099	8' 10"	20' 6"	--	17' 2"	28' 9"	24' 0"	16,764	26,104	12,192	7,054	24" - 48"
Komatsu	PC200-8	20.0	44,110	9' 7"	21' 9"	20' 11"	19' 7"	31' 10"	23' 4"	22,710	31,080	11,400	7,300	24" - 48"
Kobelco	ED195 Blade Runner	20.3	44,800	10' 2"	21' 5"	20' 10"	19' 7"	30' 7"	23' 0"	17,200	24,900	10,880	6,520	20" - 48"
Caterpillar	320D L	20.4	44,820	9' 7"	22' 1"	20' 11"	19' 11"	32' 4"	21' 4"	23,223	28,079	14,700	8,600	24" - 72"
<b>&gt;21 to 24 metric tons operating weight</b>														
Volvo	EC210C NL	21.3	46,920	9' 6"	22' 1"	21' 4"	19' 2"	32' 0"	21' 10"	23,150	29,310	16,852	9,020	--
Hitachi	Zaxis 200LC-3	21.33	47,015	9' 7"	21' 11"	21' 4"	19' 8"	32' 0"	23' 7"	22,924	29,099	14,248	9,310	24" - 60"
Case	CX210B Narrow	21.4	47,200	9' 8"	21' 9"	21' 0"	20' 1"	31' 8"	22' 5"	23,155	31,923	14,903	7,480	24" - 60"
Gradall	XL4200 III	21.4	47,241	--	22' 0"	20' 3"	4' 2"	30' 6"	16' 3"	22,075 (N)	25,405 (N)	8,045	8,045	15" - 72"
Komatsu	PC200LC-8	21.4	47,260	9' 7"	21' 9"	20' 11"	19' 7"	31' 10"	23' 4"	22,710	31,080	14,350	8,450	24" - 48"
Case	CX210B	21.5	47,400	9' 8"	21' 10"	21' 2"	19' 7"	31' 8"	22' 4"	23,155	31,923	14,500	8,850	24" - 66"
Doosan	Solar 225LCV	21.5	47,400	9' 6"	21' 9"	21' 2"	19' 10"	31' 11"	22' 4"	21,200	28,900	14,880	9,440	27" - 61"
Link-Belt	210X2	21.5	47,400	9' 8"	21' 10"	21' 3"	19' 7"	31' 11"	22' 4"	24,730	34,170	14,500	8,850	24" - 72"
Caterpillar	320D LRR	21.6	47,554	9' 7"	22' 1"	20' 11"	19' 11"	32' 4"	21' 4"	23,223	28,079	15,650	9,400	24" - 72"
Kobelco	SK210LC ACERA	21.7	47,800	9' 8"	22' 0"	21' 5"	20' 0"	31' 11"	22' 8"	24,500	31,700	15,120	8,990	24" - 48"
New Holland	E215B	21.7	47,800	9' 8"	22' 0"	21' 5"	20' 0"	31' 11"	22' 8"	24,500	31,700	14,940	8,880	24" - 42"
LiuGong	CLG922LC Tier III	21.9	48,281	9' 7"	21' 8"	21' 0"	18' 7"	31' 10"	12' 3"	22,256	31,473	7,937	4,800	41" - 55"
Volvo	EC210C L	22.0	48,520	9' 6"	22' 1"	21' 4"	19' 2"	32' 0"	21' 10"	23,150	29,310	16,090	9,960	--
Doosan	DX225LC	22.1	48,721	9' 6"	21' 9"	21' 1"	18' 5"	31' 9"	22' 11"	22,487	33,510	15,610	9,160	46.1" - 48.7"
JCB	JS220LC/XD	22.55	49,714	9' 10"	21' 8"	--	19' 11"	31' 10"	22' 2"	22,950	32,080	17,725	11,486	24" - 54"
Hyundai	R210LC-9	22.6	49,930	9' 7"	22' 1"	21' 6"	20' 7"	32' 3"	22' 3"	24,900	31,830	14,310	9,370	27.6" - 70.5"
John Deere	200D LC	22.67	49,940	9' 7"	21' 11"	21' 4"	19' 8"	32' 0"	23' 7"	22,924	29,099	14,248	9,310	24" - 72"
JCB	JZ235	23.2	51,194	9' 10"	21' 7"	--	19' 3"	31' 9"	26' 8"	22,950	32,080	14,285	8,993	24" - 54"
Komatsu	PC228USLC-3	23.2	51,110	9' 7"	21' 9"	20' 11"	19' 7"	31' 10"	25' 8"	22,710	31,085	13,900	7,700	24" - 48"
Caterpillar	321D LCR	23.5	51,875	9' 6"	22' 0"	20' 7"	19' 4"	32' 1"	25' 11"	23,223	28,000	15,200	8,500	24" - 68"
<b>&gt;24 to 25 metric tons operating weight</b>														
Case	CX225	24.14	53,223	9' 10"	22' 0"	21' 5"	19' 11"	35' 10"	26' 4"	21,357	29,225	15,169	8,917	24" - 66"
Link-Belt	225 MSR (Tier III) Spin Ace w/ Blade	24.4	53,793	9' 10"	22' 0"	21' 5"	19' 11"	31' 11"	26' 4"	23,380	31,700	15,200	8,050	24" - 72"
Hitachi	Zaxis 225US LC-3	24.487	53,936	9' 7"	22' 0"	21' 4"	19' 5"	32' 3"	26' 5"	22,924	29,099	15,484	9,142	24" - 60"
John Deere	225D LC	24.49	53,936	9' 7"	22' 0"	21' 4"	19' 5"	32' 3"	26' 5"	22,924	29,099	15,484	9,142	24" - 72"
Liebherr	R914C	24.5	54,045	9' 10"	22' 4"	--	--	32' 8"	20' 10"	23,155	37,093	16,535	9,700	24" - 55"
Doosan	Solar 255LCV	24.585	54,200	9' 8"	22' 3"	21' 9"	19' 11"	33' 0"	21' 9"	24,500	31,500	19,050	12,210	27" - 66"
Caterpillar	324D L	24.79	54,660	11' 10"	24' 1"	23' 6"	21' 7"	34' 7"	23' 1"	25,471 (N)	36,644 (N)	18,800	11,550	24" - 72"
Hitachi	Zaxis 240LC-3	24.79	54,654	11' 10"	24' 7"	24' 1"	21' 9"	34' 11"	24' 9"	24,020	37,670	16,877	11,347	24" - 60"
John Deere	240D LC	24.79	54,654	11' 10"	24' 7"	24' 1"	21' 9"	34' 11"	24' 9"	24,020	37,670	16,877	11,347	24" - 72"
Komatsu	PC220LC-8	24.9	54,926	10' 0"	22' 8"	22' 0"	19' 9"	32' 10"	23' 1"	26,680	34,170	18,050	11,300	24" - 48"
Link-Belt	240X2	24.9	54,895	9' 10"	22' 8"	22' 1"	20' 2"	33' 2"	22' 2"	29,000	39,120	18,350	11,600	24" - 72"
Volvo	ECR235C L	24.9	54,790	9' 6"	22' 2"	21' 6"	18' 9"	31' 11"	25' 10"	22,680	28,030	16,300	9,730	--
Kobelco	215SR ACERA	24.8	54,700	9' 5"	21' 7"	20' 11"	19' 7"	31' 3"	25' 3"	20,952	27,449	16,240	8,440	24" - 42"
Case	CX240B	25.0	55,120	11' 7"	24' 4"	23' 11"	21' 11"	33' 0"	23' 2"	24,055	36,419	18,450	11,700	24" - 66"

\*Bucket digging and arm (stick) forces = Normal (N) digging forces are listed when published; otherwise boost values are shown.

# CURRENT MAKES AND MODELS

Bucket capacity, SAE heaped, min-max (cu yds)	BLADE		ENGINE		TRACK			HYDRAULICS		DIMENSIONS						Model
	Blade (std, opt, none)	Max blade width (ft/in)	Engine make	Engine model	Net hp	Track shoe or rubber track width (in)	Max travel speed (mph)	Max drawbar pull (lbs)	Total flow of main pumps, implement & swing (gpm)	Max normal relief valve pressure (psi)	Transport length (ft/in)	Transport height (ft/in)	Transport width (ft/in)	Tail overhang over side (ft/in)	Length of track on ground (ft/in)	
0.51 - 1.37	Std	--	Mitsubishi	D04FD-TAA	116	24"	3.2	37,500	88.8	4,690	29' 6"	9' 7"	9' 5"	3' 8"	11' 0"	<b>R180LCD-7A</b>
0.20 - 1.125	Opt	8' 0"	MTU	OM904	152	23.6"	3.4	38,324	116	4,900	24' 6"	10' 9"	8' 6"	7' 6"	11' 9"	<b>XL3200 III</b>
0.59 - 1.40	None	--	Cat	C4.2 ACERT	125	24"	3.0	46,466	93	5,076	28' 9"	9' 5"	9' 2"	1' 0"	12' 0"	<b>319D L</b>
0.678 - 1.36	None	--	Isuzu	4HKIX	166	20" - 31.5"	3.4	32,372	74	4,610	27' 5"	9' 10"	8' 6"	7' 8"	11' 1"	<b>JS 190 NLC</b>
0.66 - 1.57	None	--	Komatsu	SAA6D107E-1	148	31.5"	3.4	40,120	116	5,400	30' 11"	9' 9"	9' 10"	4' 0"	10' 9"	<b>PC200-8</b>
0.45 - 1.36	Std	11' 4"	FPT	F4GE9484D*J6	121	23.6"	3.7	42,556	75.6	4,980	31' 10"	10' 0"	8' 6"	3' 11"	10' 9"	<b>ED195 Blade Runner</b>
0.62 - 1.75	None	--	Cat	C6.4 ACERT	148	32"	3.4	46,311	108.4	5,076	31' 0"	9' 11"	10' 1"	4' 0"	12' 0"	<b>320D L</b>
1.08 - 1.86	None	--	Volvo	D6E EAE3	147	20"	3.4	41,230	106	4,690	31' 8"	9' 10"	9' 2"	4' 7"	12' 0"	<b>EC210C NL</b>
0.52 - 1.43	None	--	Isuzu	AI-4HK1XYSA-02	159	32"	3.4	45,620	112	4,980	31' 3"	9' 8"	10' 6"	3' 9"	12' 0"	<b>Zaxis 200LC-3</b>
0.65 - 1.31	--	--	Isuzu	4HK1X Tier 3	157	23.6"	3.5	42,534	--	4,975	31' 2"	9' 9"	8' 4"	--	14' 8"	<b>CX210B Narrow</b>
0.20 - 1.125	Opt	8' 0"	MTU	OM904	153	31.5"	3.4	38,324	121	4,900	26' 6"	10' 9"	10' 6"	8' 0"	13' 8"	<b>XL4200 III</b>
0.66 - 1.57	None	--	Komatsu	SAA6D107E-1	148	31.5"	3.4	40,120	116	5,400	30' 11"	9' 9"	10' 5"	3' 9"	12' 0"	<b>PC200LC-8</b>
0.62 - 1.12	--	--	Isuzu	4HK1X Tier 3	157	31.5"	3.5	42,534	--	4,975	30' 10"	9' 9"	9' 1"	--	14' 8"	<b>CX210B</b>
0.65 - 1.53	None	--	Doosan	DB58TIS	148	23.6"	3.4	45,860	113.6	4,690	31' 2"	9' 11"	9' 9.7"	4' 1"	11' 11.5"	<b>Solar 225LCV</b>
0.58 - 1.53	None	--	Isuzu	AI-4HK1X	157	31.5"	3.5	42,489	111.4	5,340	30' 10"	9' 11"	10' 6"	3' 9"	12' 0"	<b>210X2</b>
0.62 - 1.75	None	--	Cat	C6.4 ACERT	148	32"	3.5	46,311	108.4	5,076	28' 8"	9' 11"	10' 1"	2' 0"	12' 0"	<b>320D LRR</b>
0.63 - 1.80	None	--	FPT	F4GE9684E-J6	150	31.5"	3.7	51,500	116.2	4,970	31' 0"	9' 11"	10' 6"	3' 9"	12' 0"	<b>SK210LC ACERA</b>
0.63 - 1.80	None	--	FPT	F4GE9684E-J6	150	31.5"	3.7	51,500	116.1	4,980	31' 0"	9' 11"	10' 6"	3' 9"	12' 0"	<b>E215B</b>
0.95 - 1.3	None	--	Cummins	QSB6.7	141	24" / 31"	4.2	44,512	105.7	5,076	31' 3"	9' 9"	9' 10"	4' 2"	12' 0"	<b>CLG922LC Tier III</b>
1.08 - 1.86	None	--	Volvo	D6E EAE3	147	32"	3.4	41,230	106	4,690	31' 8"	9' 10"	10' 6"	3' 11"	12' 0"	<b>EC210C L</b>
0.67 - 1.67	--	--	Doosan	DLO6	148	32"	3.4	48,943	90.8	4,979	31' 1"	9' 10"	10' 6"	--	14' 7"	<b>DX225LC</b>
0.79 - 1.77	None	--	Isuzu	4HKIX	172	24" - 36"	3.4	43,144	114	4,975	31' 0"	9' 11"	10' 6"	9' 3"	12' 0"	<b>JS220LC/XD</b>
0.67 - 1.75	None	--	Cummins	QSB6.7	143	28"	3.3	46,500	117.2	4,978	31' 3"	9' 10"	10' 2"	4' 2"	12' 0"	<b>R210LC-9</b>
0.59 - 1.60	None	--	Deere	6068H	159	32"	3.4	45,620	112	4,980	31' 3"	9' 8"	10' 6"	3' 9"	12' 0"	<b>200D LC</b>
0.79 - 1.77	None	--	Isuzu	4HKI	172	24" - 36"	3.4	43,144	110	4,975	29' 0"	9' 11"	10' 6"	5' 6"	12' 0"	<b>JZ235</b>
0.66 - 1.57	Opt	9' 10"	Komatsu	SAA6D107E-1	148	31.5"	3.4	45,410	113	5,400	29' 2"	9' 11"	10' 1"	0' 6"	12' 0"	<b>PC228USLC-3</b>
0.70 - 2.63	None	--	Cat	C6.4 ACERT	148	32"	3.5	46,311	108	5,076	29' 2"	9' 11"	10' 5.2"	0' 3"	12' 0"	<b>321D LCR</b>
0.65 - 1.53	--	--	Isuzu	AI-4HK1X Tier 3	153	31.5"	3.1	42,039	--	4,975	29' 0"	9' 9"	9' 2"	--	14' 8"	<b>CX225</b>
0.61 - 1.75	Opt	9' 2"	Isuzu	AI-4HK1X	153	23.6"	3.1	42,039	100.4	5,410	30' 4"	9' 9"	10' 6"	1' 1"	12' 0"	<b>225 MSR (Tier III) Spin Ace w/ Blade</b>
0.52 - 1.43	None	--	Isuzu	AI-4HK1XYSA-02	159	32"	3.4	45,636	112	4,980	31' 7"	9' 10"	10' 6"	0' 3"	12' 0"	<b>Zaxis 225US LC-3</b>
0.59 - 1.60	None	--	Isuzu	AI-4HK1XYSA	159	32"	3.4	45,636	112	4,980	31' 7"	9' 10"	10' 6"	0' 3"	12' 0"	<b>225D LC</b>
0.46 - 1.57	None	--	Liebherr	D934S	157	30"	3.2	59,350	114	5,076	31' 2"	10' 0"	10' 4"	3' 11"	12' 4"	<b>R914C</b>
0.65 - 1.69	None	--	Doosan	DB58TIS	162	23.6"	3.1	46,520	118.4	4,690	33' 2"	10' 8"	10' 6"	4' 8"	15' 2"	<b>Solar 255LCV</b>
0.69 - 2.60	None	--	Cat	C7 ACERT	188	32"	3.4	51,032	116	5,076	33' 2"	11' 4"	11' 1"	5' 6"	12' 7"	<b>324D L</b>
0.92 - 2.03	None	--	Isuzu	AH-4HK1XYSA-01	177	32"	3.4	49,920	118.4	4,980	33' 6"	10' 4"	11' 1"	4' 1"	12' 7"	<b>Zaxis 240LC-3</b>
0.92 - 2.04	None	--	Deere	6068H	177	32"	3.4	49,920	118.4	4,980	33' 6"	10' 4"	11' 1"	4' 1"	12' 7"	<b>240D LC</b>
0.76 - 1.85	None	--	Komatsu	SAA6D107E-1	168	31.5"	3.4	45,350	116	5,400	32' 5"	10' 5"	11' 1"	4' 2"	12' 7"	<b>PC220LC-8</b>
0.69 - 1.87	None	--	Isuzu	AH-4HK1X	177	31.5"	3.4	45,254	123.6	5,340	32' 7"	10' 4"	11' 1"	4' 1"	12' 7"	<b>240X2</b>
1.35 - 1.81	Opt	9' 10"	Volvo	D6E EAE3	147	28"	3.3	44,980	106	4,690	29' 6"	10' 1"	10' 2"	0' 5"	12' 0"	<b>ECR235C L</b>
0.63 - 1.60	None	--	Hino	JO5E-TA	153	31.5"	3.4	54,561	110	4,970	29' 6"	10' 4"	11' 1"	0' 3"	12' 6"	<b>215SR ACERA</b>
0.75 - 2.00	--	--	Isuzu	4HK1X Tier 3	177	31.5"	3.4	45,254	--	4,975	32' 6"	10' 11"	9' 1"	--	15' 4"	<b>CX240B</b>

Make	Model	WEIGHTS		PERFORMANCE										BUCKET	
		Operating weight (metric tons)	Operating weight (lbs)	Arm (stick) length used for dimensions & forces (ft/in)	Max dig depth (ft/in)	Depth @ 8' bottom (ft/in)	Max depth of vertical wall (ft/in)	Reach @ ground level (ft/in)	Dump height (ft/in)	Arm (stick) force* (lbs)	Bucket digging force* (lbs)	Lift over end, 20' radius @ ground (lbs)	Lift over side, 20' radius @ ground (lbs)	Bucket width, min-max (in)	
<b>&gt;25 to 28 metric tons operating weight</b>															
Doosan	DX255LC	25.2	55,556	9' 10"	22' 4"	21' 8"	17' 1"	32' 10"	22' 9"	26,676	35,494	18,780	12,020	51.8" - 54.1"	
Hyundai	R250LC-9	25.5	56,200	10' 0"	23' 0"	22' 5"	20' 2"	33' 5"	21' 9"	28,000	37,580	17,660	10,230	29.9" - 63.4"	
LiuGong	CLG925LC Tier III	25.5	56,217	10' 2"	23' 0"	22' 5"	20' 8"	33' 8"	22' 0"	25,628	33,721	8,008	5,000	50" - 57"	
Liebherr	R924compact	25.9	57,209	9' 8"	22' 4"	--	--	32' 10"	26' 11"	23,149	31,747	16,093	9,260	24" - 55"	
Volvo	EC240C L	25.9	57,110	9' 9"	22' 11"	22' 1"	19' 7"	33' 1"	22' 4"	26,680	35,280	20,540	13,270	--	
Kobelco	SK260LC ACERA	26.0	57,300	9' 9"	23' 0"	22' 4"	20' 2"	33' 3"	22' 7"	28,506	41,117	19,120	12,200	24" - 54"	
JCB	JS260LC/XD	26.06	57,450	10' 11"	22' 3"	--	21' 10"	32' 10"	22' 5"	27,002	43,154	18,695	15,631	24" - 54"	
Liebherr	R924C	26.6	58,653	9' 10"	22' 11"	--	--	33' 5"	21' 11"	26,752	40,241	19,379	12,258	24" - 55"	
Kobelco	235SR ACERA	26.7	58,870	9' 8"	21' 8"	17' 4"	19' 10"	31' 10"	27' 4"	24,234	31,700	16,610	10,800	24" - 48"	
Gradall	XL5200 III	27.438	54,877	--	25' 4"	23' 7"	5' 6"	33' 11"	17' 11"	24,941	25,405	10,285	10,285	15" - 72"	
<b>&gt;28 to 30 metric tons operating weight</b>															
Hitachi	Zaxis 270LC-3	28.77	63,425	12' 4"	25' 11"	25' 8"	23' 1"	36' 6"	24' 7"	25,979	37,480	19,727	13,562	24" - 60"	
John Deere	270D LC	28.77	63,425	12' 4"	25' 11"	25' 8"	23' 1"	36' 6"	24' 7"	25,979	37,480	19,727	13,562	24" - 72"	
Caterpillar	329D L	29.24	64,460	12' 4"	25' 8"	25' 3"	21' 7"	36' 7"	23' 4"	26,977 (N)	35,295 (N)	22,750	13,400	24" - 72"	
Doosan	DX300LC	29.3	64,595	10' 2"	24' 1"	23' 6"	20' 3"	32' 8"	22' 9"	37,037	44,974	22,400	14,300	54" - 57"	
Doosan	DX225LL	29.5	65,036	12' 0"	11' 2"	--	--	--	42' 5"	--	--	--	--	--	
Doosan	Solar 300LC-V	29.6	65,300	10' 2"	24' 1"	23' 5"	20' 2"	34' 7"	23' 11"	27,800	37,480	22,200	13,980	36" - 73"	
Case	CX290B	29.8	65,697	12' 0"	24' 11"	24' 5"	22' 0"	34' 1"	24' 2"	24,684	39,252	23,650	14,500	24" - 66"	
Link-Belt	290X2	29.8	65,700	10' 5"	23' 4"	22' 9"	20' 1"	34' 5"	23' 3"	29,760	42,760	23,600	14,500	24" - 72"	
<b>&gt;30 to 33 metric tons operating weight</b>															
Volvo	EC290C L	30.1	66,390	10' 0"	24' 0"	23' 5"	20' 4"	34' 5"	23' 2"	30,340	38,810	24,460	14,700	--	
Kobelco	SK295LC Acera Mark 8	30.3	66,800	10' 2"	23' 8"	23' 9"	20' 5"	34' 7"	23' 9"	30,060	41,387	21,184	13,691	24" - 48"	
Hyundai	R290LC-9	30.5	67,150	10' 0"	24' 7"	23' 11"	21' 0"	34' 10"	23' 4"	32,070	40,690	22,380	12,960	35" - 75.6"	
Komatsu	PC270LC-8	30.6	67,393	10' 0"	21' 2"	20' 9"	18' 6"	32' 9"	23' 1"	30,640	39,460	23,750	14,300	24" - 54"	
JCB	JS290	31.0	68,432	10' 2"	23' 0"	--	16' 1"	34' 1"	32' 10"	29,158	50,807	23,704	14,024	24" - 54"	
Liebherr	R934C	31.9	70,350	10' 2"	22' 8"	--	--	34' 9"	23' 7"	28,326	41,447	23,149	14,771	33" - 65"	
Hyundai	R320LC-7A	32.2	71,000	10' 6"	24' 2"	23' 8"	20' 10"	35' 11"	23' 9"	32,470	43,530	24,820	14,950	37.4" - 79.9"	
Komatsu	PC308USLC-3	32.6	71,938	10' 0"	21' 2"	20' 9"	18' 6"	33' 0"	23' 1"	30,640	39,460	23,400	14,400	24" - 54"	
<b>&gt;33 to 35 metric tons operating weight</b>															
JCB	JS330LC/XD	33.3	73,387	10' 7"	24' 3"	--	18' 5"	35' 11"	23' 7"	32,415	43,000	25,520	16,400	30" - 60"	
Doosan	Solar 340LC-V	33.88	74,700	10' 4"	25' 2"	24' 8"	20' 4"	36' 3"	23' 10"	36,200	45,195	26,310	17,730	48" - 68"	
Doosan	DX340LC	34.1	75,177	10' 6"	24' 7"	24' 2"	19' 5"	36' 0"	23' 7"	38,140	47,840	26,250	17,090	56" - 68"	
Caterpillar	328D LCR	34.7	76,500	10' 6"	22' 8"	22' 2"	20' 6"	35' 4"	26' 5"	29,000	39,566	24,450	14,200	24" - 72"	
Volvo	ECR305C L	34.7	76,520	10' 0"	22' 10"	22' 4"	20' 1"	34' 3"	25' 9"	30,350	38,810	25,460	16,470	--	

\*Bucket digging and arm (stick) forces = Normal (N) digging forces are listed when published; otherwise boost values are shown.

# CURRENT MAKES AND MODELS

Bucket capacity, SAE heaped, min-max (cu yds)	BLADE		ENGINE		TRACK			HYDRAULICS		DIMENSIONS					Model	
	Blade (std, opt, none)	Max blade width (ft/in)	Engine make	Engine model	Net hp	Track shoe or rubber track width (in)	Max travel speed (mph)	Max drawbar pull (lbs)	Total flow of main pumps, implement & swing (gpm)	Max normal relief valve pressure (psi)	Transport length (ft/in)	Transport height (ft/in)	Transport width (ft/in)	Tail overhang over side (ft/in)		Length of track on ground (ft/in)
0.67 - 1.83	--	--	Doosan	DLO6	166	32"	3.2	47,619	96.3	4,980	33' 0"	10' 2"	11' 2"	--	15' 2"	<b>DX255LC</b>
0.78 - 1.96	None	--	Cummins	QSB6.7	183	28"	3.4	47,600	117.2	4,978	32' 7"	10' 7"	10' 9"	4' 5"	12' 7"	<b>R250LC-9</b>
1.3 - 1.57	None	--	Cummins	QSB6.7	170	24" / 31"	4.2	43,612	111	5,076	32' 8"	10' 0"	10' 6"	4' 6"	12' 7"	<b>CLG925LC Tier III</b>
0.46 - 1.57	Opt	10' 4"	Liebherr	D934S	163	30"	3.2	59,350	113	5,076	29' 2"	10' 0"	10' 4"	0' 5"	12' 4"	<b>R924compact</b>
1.37 - 2.39	None	--	Volvo	D7E EBE3	168	32"	3.4	46,960	122	4,550	33' 3"	10' 0"	11' 1"	4' 2"	12' 8"	<b>EC240C L</b>
0.75 - 2.25	None	--	FPT	F4HE9684C-J1	181	31.5"	3.6	54,900	129.8	4,980	33' 2"	10' 6"	11' 1"	4' 3"	12' 8"	<b>SK260LC ACERA</b>
0.802 - 2.03	None	--	Isuzu	4HKIX	160	24" - 35"	3.4	44,309	119.4	4,975	32' 10"	10' 7"	11' 5"	9' 10"	12' 7"	<b>JS260LC/XD</b>
0.46 - 1.57	None	--	Liebherr	D934S	177	30"	3.2	59,350	114	5,076	32' 7"	10' 6"	10' 4"	4' 5"	12' 7"	<b>R924C</b>
0.63 - 1.80	None	--	Hino	J05E-TA	153	31.5"	3.4	54,561	116.2	4,980	29' 6"	10' 4"	10' 5"	0' 3"	12' 0"	<b>235SR ACERA</b>
0.25 - 1.75	Opt	8' 0"	MTU	OM904	153	31.5"	3.4	38,324	121	4,900	28' 11"	10' 9"	10' 6"	8' 6"	13' 8"	<b>XL5200 III</b>
0.92 - 2.03	None	--	Isuzu	AH-4HK1XYSA-03	188	32"	3.4	56,074	124.6	4,980	35' 3"	11' 0"	11' 1"	4' 1"	13' 3"	<b>Zaxis 270LC-3</b>
0.92 - 2.04	None	--	Deere	6068H	188	32"	3.4	56,074	124.6	4,980	35' 3"	11' 0"	11' 1"	4' 1"	13' 3"	<b>270D LC</b>
0.69 - 3.34	None	--	Cat	C7 ACERT	204	32"	3.3	55,977	124	5,076	34' 2"	11' 11"	11' 1"	4' 6"	13' 1"	<b>329D L</b>
1.05 - 2.29	--	--	Doosan	DLO8	197	24"	5.1	--	130.6	4,690	34' 10"	10' 1"	11' 2"	--	16' 2"	<b>DX300LC</b>
--	--	--	Doosan	DLO6	148	28"	3.4	47,619	90.8	4,979	17' 5"	17' 4"	11' 10"	9' 10"	15' 2"	<b>DX225LL</b>
1.05 - 2.29	None	--	Doosan	DE08TIS	197	23.6"	3.2	51,587	130.4	4,690	34' 10"	11' 1"	10' 6"	5' 3"	13' 2"	<b>Solar 300LC-V</b>
0.79 - 2.15	--	--	Isuzu	6HK1YSS Tier 3	207	31.5"	3.5	52,425	--	4,975	34' 5"	11' 4"	9' 5"	--	15' 11"	<b>CX290B</b>
0.69 - 2.43	None	--	Isuzu	AH-6HK1XYSS	207	31.5"	3.5	52,380	128.4	5,400	34' 3"	10' 8"	11' 2"	4' 9"	13' 1"	<b>290X2</b>
1.50 - 2.55	None	--	Volvo	D7E EAE3	192	32"	3.2	51,820	132	4,550	34' 2"	10' 10"	11' 1"	4' 4"	13' 2"	<b>EC290C L</b>
0.75 - 1.88	None	--	FPT	F4HE9684B-J1	197	31.5"	3.6	57,100	129.8	4,970	33' 8"	10' 6"	11' 2"	4' 3"	13' 2"	<b>SK295LC Acera Mark 8</b>
1.03 - 2.42	None	--	Cummins	QSB6.7	197	28"	3.2	60,200	137.4	4,978	34' 8"	10' 10"	11' 2"	4' 10"	13' 3"	<b>R290LC-9</b>
0.76 - 2.13	None	--	Komatsu	SAA6D107E-1	187	33.5"	3.4	56,000	119	5,400	32' 4"	10' 6"	11' 2"	4' 1"	13' 3"	<b>PC270LC-8</b>
0.802 - 2.03	None	--	Isuzu	6HKIX	216	24" - 35"	3.36	52,830	132	5,410	34' 3"	10' 10"	11' 2"	9' 10"	13' 1"	<b>JS290</b>
0.9 - 2.55	None	--	Liebherr	D934L	203	30"	3.2	72,613	169	5,076	34' 1"	10' 4"	11' 0"	4' 6"	12' 7"	<b>R934C</b>
1.18 - 2.75	None	--	Cummins	QSL	237	24"	3.4	62,830	137.4	4,690	36' 0"	11' 1"	10' 9"	5' 5"	13' 3"	<b>R320LC-7A</b>
0.76 - 2.13	None	--	Komatsu	SAA6D107E-1	187	33.5"	2.9	59,180	119	5,400	31' 4"	10' 6"	11' 9"	0' 1"	13' 2"	<b>PC308USLC-3</b>
1.26 - 2.66	None	--	Isuzu	AH-6HKIX	271	24" - 34"	3	54,904	154	4,627	36' 0"	12' 8"	11' 2"	10' 9"	12' 10"	<b>JS330LC/XD</b>
1.63 - 2.39	None	--	Doosan	DE12TIS	247	23.6"	2.9	61,300	140.6	4,690	37' 2"	11' 8"	10' 9"	6' 1"	13' 2"	<b>Solar 340LC-V</b>
1.63 - 1.83	--	--	Doosan	DLO8	247	24"	3.1	--	140	4,690	37' 0"	10' 3"	11' 5"	--	16' 2"	<b>DX340LC</b>
0.69 - 2.6	None	--	Cat	C7 ACERT	204	34"	2.6	67,443	124	5,076	32' 3"	10' 0"	11' 3"	3' 11"	13' 3"	<b>328D LCR</b>
1.70 - 2.55	Opt	10' 11"	Volvo	D6E EAE3	192	32"	2.8	58,430	138	4,690	32' 4"	11' 3"	11' 9"	0' 0"	13' 2"	<b>ECR305C L</b>

Make	Model	WEIGHTS		PERFORMANCE										BUCKET	
		Operating weight (metric tons)	Operating weight (lbs)	Arm (stick) length used for dimensions & forces (ft/in)	Max dig depth (ft/in)	Depth @ 8' bottom (ft/in)	Max depth of vertical wall (ft/in)	Reach @ ground level (ft/in)	Dump height (ft/in)	Arm (stick) force* (lbs)	Bucket digging force* (lbs)	Lift over end, 20' radius @ ground (lbs)	Lift over side, 20' radius @ ground (lbs)	Bucket width, min-max (in)	
<b>&gt;35 to 40 metric tons operating weight</b>															
Hitachi	Zaxis 350LC-3	35.05	77,269	13' 1"	26' 10"	26' 5"	23' 10"	39' 1"	25' 0"	32,682	48,220	27,623	16,161	30" - 60"	
Doosan	DX300LL	35.1	77,382	12' 10"	12' 3"	--	--	--	44' 6"	--	--	12,959	9,222	--	
Doosan	DX350LC	35.2	77,602	10' 6"	24' 7"	24' 2"	19' 5"	36' 0"	23' 7"	38,140	47,840	27,540	18,200	56" - 68"	
John Deere	350D LC	35.37	77,970	13' 1"	26' 10"	26' 5"	23' 10"	38' 3"	25' 0"	32,682	48,220	27,623	16,161	30" - 84"	
Komatsu	PC300LC-8	35.8	78,817	10' 5"	24' 3"	23' 7"	21' 3"	35' 10"	23' 4"	37,040 (N)	44,970 (N)	27,200	17,900	30" - 54"	
Case	CX350B	35.86	79,065	13' 3"	26' 8"	26' 3"	23' 5"	35' 0"	24' 9"	31,586	51,436	27,443	17,822	30" - 72"	
Link-Belt	350 X2	35.9	79,146	10' 8"	24' 1"	23' 7"	20' 10"	36' 0"	23' 9"	40,020	55,840	29,100	17,900	30" - 72"	
Hyundai	R360LC-7A	36.1	79,590	10' 6"	24' 7"	24' 1"	20' 10"	36' 1"	23' 11"	37,280	49,300	28,510	16,620	42.9" - 83.5"	
Kobelco	SK350LC Acera Mark 8	36.1	79,600	10' 10"	24' 10"	24' 3"	21' 8"	36' 3"	24' 2"	39,570	49,230	26,400	18,340	24" - 54"	
Volvo	EC330C L	36.1	79,530	10' 6"	24' 7"	24' 0"	18' 1"	35' 5"	23' 9"	38,810	47,190	32,410	20,300	--	
Caterpillar	336D L	36.15	79,700	12' 10"	27' 9"	27' 4"	23' 6"	39' 5"	24' 9"	34,148 (N)	39,207 (N)	27,050	16,700	30" - 72"	
LiuGong	CLG936LC Tier III	36.2	79,807	10' 6"	24' 1"	23' 7"	21' 2"	35' 9"	23' 6"	38,667	53,280	27,900	16,300	56" - 70"	
Kobelco	SK350LC Mass Excavator	36.3	80,000	7' 3"	20' 6"	20' 5"	13' 8"	31' 9"	23' 2"	--	--	23,090	18,340	24" - 52"	
Volvo	EC330C L ME	36.3	79,980	8' 6"	22' 1"	21' 5"	15' 9"	33' 5"	22' 5"	44,980	51,380	32,510	20,360	--	
JCB	JS360	38.4	84,596	10' 6"	26' 6"	--	9' 6"	38' 0"	24' 10"	54,983	60,269	29,807	18,960	30" - 60"	
Liebherr	R944C	39.3	86,708	10' 10"	25' 3"	--	--	37' 9"	25' 1"	37,768	53,131	27,991	18,954	47" - 71"	
Volvo	EC360C L	39.3	86,570	10' 6"	24' 7"	24' 0"	18' 1"	36' 0"	23' 9"	38,810	47,190	34,990	21,920	--	
Volvo	EC360C L ME	39.3	86,570	8' 6"	22' 1"	21' 5"	15' 9"	33' 8"	22' 5"	44,980	51,380	35,850	22,160	--	
Komatsu	PC300HD-8	39.9	87,958	10' 5"	23' 10"	23' 3"	20' 6"	35' 8"	23' 6"	37,040	44,970	27,050	20,900	30" - 54"	
<b>&gt;40 to 48 metric tons operating weight</b>															
Doosan	DX420LC	40.9	90,170	10' 8"	25' 4"	24' 10"	14' 3"	37' 0"	25' 7"	43,430	59,524	32,380	21,910	58" - 61"	
Doosan	Solar 420LC-V	41.2	90,830	10' 7"	25' 4"	24' 10"	14' 5"	37' 1"	25' 8"	38,800	48,700	32,580	21,510	46" - 68"	
Caterpillar	345D L Long Reach	44.9	99,190	14' 1"	29' 1"	28' 8"	23' 9"	42' 5"	26' 2"	41,120 (N)	58,000 (N)	36,209	23,800	30" - 72"	
Hyundai	R450LC-7A	45.2	99,700	11' 1"	25' 7"	25' 1"	21' 6"	39' 1"	25' 2"	44,260	54,840	36,990	22,470	43.3" - 85.4"	
Caterpillar	345DL	45.38	100,040	12' 10"	26' 9"	26' 4"	21' 5"	39' 8"	24' 7"	45,100 (N)	58,000 (N)	37,400	24,850	30" - 72"	
Caterpillar	345D L Mass	45.39	100,060	9' 10"	23' 8"	23' 2"	17' 8"	36' 8"	22' 4"	45,680 (N)	45,680 (N)	35,150	22,250	72" - 73"	
Komatsu	PC400LC-8 Fixed Gauge	45.6	100,636	11' 1"	25' 8"	25' 2"	22' 6"	38' 9"	24' 10"	46,080	53,790	39,100	23,100	30" - 66"	
Komatsu	PC400LC-8 Variable Gauge	46.7	103,006	11' 1"	25' 8"	25' 2"	22' 6"	38' 9"	24' 10"	46,080	53,790	39,100	25,300	30" - 66"	
JCB	JS460	46.82	103,220	11' 0"	25' 4"	--	20' 10"	38' 5"	25' 7"	45,190	60,630	34,647	21,792	42" - 66"	
Doosan	Solar 470LC-V	46.9	103,400	11' 0"	24' 1"	23' 7"	13' 3"	37' 6"	25' 6"	44,500	55,600	39,640	28,580	46.5" - 80"	
Case	CX470B	47.08	103,800	13' 1"	27' 4"	26' 11"	23' 6"	37' 2"	26' 1"	37,093	55,528	37,950	24,350	30" - 72"	
Link-Belt	460 X2 Fixed Sideframes	47.1	103,838	11' 1"	25' 4"	24' 10"	21' 7"	38' 7"	25' 5"	46,310	60,700	38,450	23,800	36" - 66"	
Caterpillar	345D L VG Long Reach	47.5	104,680	14' 1"	28' 8"	28' 3"	23' 3"	42' 3"	26' 8"	41,120 (N)	52,580 (N)	35,000	26,000	61" - 74"	
Doosan	DX480LC	47.5	104,700	11' 0"	25' 7"	25' 2"	14' 6"	38' 11"	25' 10"	49,800	67,900	41,020	30,290	63" - 66"	
Volvo	EC460C L	47.8	105,440	11' 0"	25' 3"	24' 9"	22' 5"	35' 0"	22' 11"	46,970	54,900	40,180	28,940	--	
Volvo	EC460C L ME	47.8	105,350	8' 4"	21' 7"	21' 0"	19' 0"	35' 0"	22' 11"	53,360	60,200	41,200	28,140	--	
Caterpillar	345D L-VG	47.9	105,530	12' 10"	26' 3"	25' 10"	21' 0"	41' 0"	25' 5"	44,270 (N)	52,580 (N)	37,600	27,650	61" - 74"	
Caterpillar	345D L-VG Mass	47.9	105,550	9' 10"	23' 2"	22' 8"	17' 4"	36' 10"	22' 10"	51,680 (N)	59,100 (N)	35,650	22,200	61" - 74"	

\*Bucket digging and arm (stick) forces = Normal (N) digging forces are listed when published; otherwise boost values are shown.

# CURRENT MAKES AND MODELS

Bucket capacity, SAE heaped, min-max (cu yds)	BLADE		ENGINE		TRACK			HYDRAULICS		DIMENSIONS					Model	
	Blade (std, opt, none)	Max blade width (ft/in)	Engine make	Engine model	Net hp	Track shoe or rubber track width (in)	Max travel speed (mph)	Max drawbar pull (lbs)	Total flow of main pumps, implement & swing (gpm)	Max normal relief valve pressure (psi)	Transport length (ft/in)	Transport height (ft/in)	Transport width (ft/in)	Tail overhang over side (ft/in)		Length of track on ground (ft/in)
1.26 - 2.74	None	--	Isuzu	AH-6HK1XYSA-01	271	32"	3.4	67,928	152.2	4,980	36' 5"	11' 10"	11' 1"	5' 6"	13' 3"	Zaxis 350LC-3
--	--	--	Doosan	DL08	197	28"	2.9	61,288	130	4,690	47' 8"	11' 9"	11' 10"	4' 7"	16' 2"	DX300LL
1.95 - 2.39	None	--	Doosan	DL08	271	32"	3.2	59,524	153	4,690	37' 0"	10' 3"	11' 5"	--	16' 2"	DX350LC
1.20 - 3.43	None	--	Deere	6090H	271	32"	2.9	64,375	152.2	4,980	36' 5"	11' 10"	11' 1"	5' 6"	13' 3"	350D LC
1.21 - 2.56	None	--	Komatsu	SAA6D114E-3	246	33.5"	3.4	59,300	141	5,400	36' 7"	10' 9"	11' 4"	5' 8"	13' 3"	PC300LC-8
1.26 - 2.93	--	--	Isuzu	AH-6HK1XYSS Tier 3	271	31.5"	3.4	59,619	--	4,975	36' 5"	11' 5"	9' 11"	--	16' 4"	CX350B
1.08 - 2.93	None	--	Isuzu	AH-6HK1XYSS	271	31.5"	3.4	59,619	153.2	5,410	36' 3"	10' 8"	11' 2"	5' 9"	13' 3"	350 X2
1.50 - 3.03	None	--	Cummins	QSL	271	24"	2.8	68,350	153.2	4,690	36' 6"	11' 3"	10' 11"	5' 9"	14' 3"	R360LC-7A
0.88 - 2.38	None	--	Hino	J08E-TM	264	31.5"	3.5	72,400	155.2	4,970	36' 9"	11' 3"	11' 2"	6' 0"	13' 3"	SK350LC Acera Mark 8
1.80 - 3.07	None	--	Volvo	D12D EBE3	247	32"	2.8	57,770	148	4,550	35' 10"	11' 0"	11' 1"	5' 10"	13' 2"	EC330C L
0.97 - 3.53	None	--	Cat	C9 ATAAC	268	32"	3.1	67,443	148	5,076	36' 9"	11' 11"	11' 3.4"	5' 10"	13' 3"	336D L
1.8 - 2.43	None	--	Cummins	QSC8.3	243	24"	3.3	54,853	148	4,975	36' 8"	10' 5"	10' 6"	6' 3"	13' 3"	CLG936LC Tier III
2.5 - 3.8	None	--	Hino	J08E-TM	264	31.5"	3.5	72,400	155.2	4,980	35' 0"	11' 3"	11' 2"	6' 0"	13' 3"	SK350LC Mass Excavator
2.32 - 3.20	None	--	Volvo	D12D EBE3	247	32"	2.8	57,770	148	4,550	35' 10"	11' 9"	11' 1"	5' 10"	13' 2"	EC330C L ME
1.26 - 2.66	None	--	Isuzu	AH-6HKIX	271	24" - 34"	3.4	65,869	164	4,627	36' 5"	11' 4"	11' 6"	11' 4"	13' 2"	JS360
1.63 - 3.27	None	--	Liebherr	D936L	258	30"	3.1	75,536	214	5,076	36' 7"	10' 10"	11' 0"	5' 7"	13' 2"	R944C
2.19 - 3.63	None	--	Volvo	D12D EBE3	247	32"	2.8	57,770	148	4,550	36' 4"	11' 0"	11' 7"	5' 4"	13' 11"	EC360C L
2.65 - 3.63	None	--	Volvo	D12D EBE3	247	32"	2.8	57,770	148	4,550	35' 10"	12' 2"	11' 7"	5' 4"	13' 11"	EC360C L ME
1.21 - 2.56	None	--	Komatsu	SAA6D114E-3	246	35.5"	3.4	73,880	141	5,400	36' 8"	11' 3"	11' 11"	5' 5"	14' 3"	PC300HD-8
1.88 - 12.83	--	--	Doosan	DV11	293	24"	3.3	--	166.4	4,550	38' 3"	10' 4"	11' 8"	--	17' 7"	DX420LC
1.88 - 2.85	None	--	Doosan	DE12TIS	281	23.6"	3.4	76,634	166.4	4,550	38' 4"	11' 9"	10' 11.9"	6' 6"	13' 11.3"	Solar 420LC-V
1.18 - 4.00	None	--	Cat	C13 ACERT	380	36"	2.7	75,920	190	5,080	40' 8"	11' 9"	11' 11"	6' 4"	14' 4"	345D L Long Reach
1.80 - 4.19	None	--	Cummins	QSM11	320	24"	3.1	84,800	200.8	4,690	39' 4"	11' 10"	10' 11"	6' 9"	14' 8"	R450LC-7A
1.25 - 4.05	None	--	Cat	C13 ACERT	380	36"	2.7	75,920	190	5,080	39' 1"	11' 11"	11' 11"	6' 4"	14' 4"	345DL
3.4	None	--	Cat	C13 ACERT	380	36"	2.7	75,920	190	5,080	37' 11"	13' 0"	11' 11"	6' 4"	14' 4"	345D L Mass
1.47 - 3.75	None	--	Komatsu	SAA6D125E-5	345	35.5"	3.4	73,880	182	5,400	39' 2"	11' 11"	11' 11"	6' 0"	14' 3"	PC400LC-8 Fixed Gauge
1.47 - 3.75	None	--	Komatsu	SAA6D125E-5	345	35.5"	3.4	73,880	182	5,400	39' 2"	11' 11"	10' 10"	5' 10"	14' 3"	PC400LC-8 Variable Gauge
2.09 - 3.30	None	--	Isuzu	AA-6SD1TC	305	24" - 35.5"	2.4	85,318	180	4,712	38' 8"	11' 5"	11' 11"	11' 4"	14' 5"	JS460
1.22 - 3.73	None	--	Doosan	DE12TIS	312	23.6"	3.1	74,080	189.6	4,550	39' 9"	12' 1.9"	10' 11.5"	5' 8"	14' 8"	Solar 470LC-V
1.24 - 4.05	--	--	Isuzu	AH-6UZI XYSS Tier 3	362	35.4"	3.3	76,660	--	4,554	39' 5"	11' 10"	10' 0"	--	17' 11"	CX470B
1.58 - 4.05	None	--	Isuzu	AH-6UZI XYSS	362	35.4"	3.3	76,660	190.2	4,980	39' 5"	11' 10"	12' 0"	6' 1"	14' 5"	460 X2 Fixed Sideframes
1.36 - 4.0	None	--	Cat	C13 ACERT	380	36"	2.7	75,920	190	5,080	40' 6"	11' 10"	11' 7"	6' 2"	14' 3"	345D L VG Long Reach
2.35 - 3.73	--	--	Doosan	DV11	328	24"	3.1	--	186	4,550	39' 10"	11' 0"	11' 11"	--	17' 11"	DX480LC
2.32 - 4.32	None	--	Volvo	D12D EAE3	315	36"	3	72,990	182	4,550	39' 7"	12' 0"	11' 11"	6' 4"	14' 4"	EC460C L
3.40 - 4.58	None	--	Volvo	D12D EAE3	315	36"	3	72,990	182	4,550	37' 11"	12' 4"	11' 11"	6' 4"	14' 4"	EC460C L ME
2.70 - 3.10	None	--	Cat	C13 ACERT	380	36"	2.7	75,920	190	5,080	39' 1"	12' 3"	11' 7"	6' 2"	14' 3"	345D L-VG
3.4	None	--	Cat	C13 ACERT	380	36"	2.7	75,920	198	5,080	37' 10"	13' 1"	11' 7"	6' 3"	14' 3"	345D L-VG Mass

Make	Model	WEIGHTS		PERFORMANCE										BUCKET	
		Operating weight (metric tons)	Operating weight (lbs)	Arm (stick) length used for dimensions & forces (ft/in)	Max dig depth (ft/in)	Depth @ 8' bottom (ft/in)	Max depth of vertical wall (ft/in)	Reach @ ground level (ft/in)	Dump height (ft/in)	Arm (stick) force* (lbs)	Bucket digging force* (lbs)	Lift over end, 20' radius @ ground (lbs)	Lift over side, 20' radius @ ground (lbs)	Bucket width, min-max (in)	
<b>&gt;48 to 50 metric tons operating weight</b>															
Hitachi	Zaxis 450LC-3	48.163	106,180	12' 10"	27' 2"	26' 8"	22' 11"	40' 3"	25' 6"	43,028	57,111	39,200	26,300	42" - 72"	
John Deere	450D LC	48.163	106,180	12' 10"	27' 2"	26' 8"	22' 11"	40' 3"	25' 6"	43,028	57,111	39,200	26,300	36" - 84"	
Link-Belt	470 X2 Extendable Sideframes	48.5	106,924	11' 1"	24' 10"	24' 5"	21' 1"	38' 6"	25' 11"	46,310	60,700	38,550	26,100	36" - 66"	
Hyundai	R500LC-7A	48.8	107,580	11' 1"	25' 0"	24' 6"	20' 11"	38' 11"	25' 5"	45,700	60,370	37,790	27,140	43.3" - 94.5"	
Volvo	EC460C L Retractable	49.0	108,090	11' 0"	24' 10"	24' 4"	22' 0"	38' 7"	25' 6"	46,970	54,900	40,180	31,340	--	
Hitachi	Zaxis 450LC-3 Mass Excavator	49.113	108,274	9' 6"	20' 5"	19' 11"	16' 6"	34' 10"	24' 1"	51,014	57,111	39,900	25,900	42" - 72"	
John Deere	450D LC ME	49.113	108,274	9' 6"	20' 5"	19' 11"	16' 6"	34' 10"	24' 1"	51,014	57,111	39,900	26,200	36" - 84"	
<b>&gt;50 to 66 metric tons operating weight</b>															
Kobelco	SK485LC Acera Mark 8	50.2	110,670	11' 4"	25' 7"	24' 0"	23' 4"	38' 10"	24' 10"	48,415	59,080	38,330	25,821	30" - 60"	
Doosan	DX520LC	50.7	111,774	7' 10"	22' 3"	21' 0"	--	35' 10"	22' 1"	56,896	61,600	39,168	32,780	49" - 75"	
Kobelco	SK485LC Mass Excavator	51.2	112,870	7' 10.5"	21' 10"	21' 3"	6' 3"	34' 5"	20' 9"	57,776	60,024	39,099	26,189	30" - 60"	
Liebherr	R954C	51.3	113,200	9' 6"	26' 9"	--	--	40' 8"	27' 9"	48,784	70,365	33,995	21,385	51" - 82"	
Komatsu	PC600LC-8	60.0	132,280	11' 6"	27' 10"	27' 5"	24' 8"	42' 0"	26' 1"	53,570	64,150	54,500	41,500	36" - 72"	
<b>&gt;66 to 90 metric tons operating weight</b>															
Liebherr	R964C	68.4	150,791	11' 2"	29' 10"	--	--	44' 5"	29' 6"	58,450	75,311	42,174	30,664	61" - 94"	
Hitachi	Zaxis 650LC-3 Mass Excavator	68.45	151,000	9' 6"	23' 4"	22' 10"	17' 4"	37' 9"	24' 1"	66,763	74,630	56,365	41,384	48" - 86"	
John Deere	650D LC ME	68.45	151,000	9' 6"	23' 4"	22' 10"	17' 4"	37' 9"	24' 1"	66,768	74,634	56,400	41,400	36" - 84"	
Caterpillar	365C L Long Reach	68.88	151,850	15' 3"	31' 0"	32' 7"	24' 10"	46' 2"	30' 3"	51,700 (N)	63,900 (N)	53,670	40,947	40" - 75"	
John Deere	650D LC	69	152,190	13' 9"	30' 0"	29' 8"	26' 10"	44' 8"	27' 4"	50,355	65,192	54,900	41,300	36" - 84"	
Hitachi	Zaxis 650LC-3	69.033	152,190	13' 9"	30' 0"	29' 8"	26' 10"	44' 8"	27' 4"	50,352	65,189	54,883	41,292	36" - 86"	
Volvo	EC700C L ME	69.5	153,230	9' 6"	23' 9"	23' 4"	16' 7"	36' 9"	22' 9"	73,286	84,075	58,310	51,150	--	
Case	CX700B	69.58	153,400	16' 5"	32' 4"	32' 0"	28' 4"	41' 8"	28' 7"	39,352	65,200	53,937	41,968	42" - 84"	
Link-Belt	700 X2	69.6	153,442	11' 8"	27' 7"	27' 2"	22' 6"	42' 4"	26' 4"	55,080	71,260	56,200	40,300	35" - 72"	
Link-Belt	700 X2 ME	69.7	153,662	9' 11"	23' 7"	23' 1"	16' 9"	37' 7"	23' 1"	58,230	82,060	57,600	42,450	35" - 72"	
Volvo	EC700C L	70.0	154,350	11' 8"	27' 7"	27' 2"	23' 9"	42' 4"	28' 2"	65,190	80,030	56,150	48,940	--	
Caterpillar	365C L Mass	70.87	156,240	9' 10"	24' 11"	24' 6"	15' 1"	38' 11"	23' 11"	57,000 (N)	72,230 (N)	52,500	39,140	76"	
Liebherr	R964C SME	75.9	167,329	9' 10"	24' 5"	--	--	39' 0"	26' 11"	73,800	88,880	42,417	42,417	92"	
Kobelco	SK850LC Super Acera	80.4	177,330	14' 5"	31' 10"	31' 5"	24' 6"	46' 11"	28' 1"	59,120	79,582	59,290	52,650	42" - 84"	
Link-Belt	800LX (Tier III)	80.8	178,133	12' 0"	28' 6"	28' 1"	21' 2"	45' 5"	29' 3"	67,440	81,160	63,900	51,050	42" - 84"	
Case	CX800B	81.0	178,576	18' 5"	35' 0"	34' 8"	29' 11"	46' 11"	33' 4"	43,842	74,187	61,401	53,801	42" - 84"	
Link-Belt	800LX ME (Tier III)	81.0	178,600	9' 9"	23' 1"	22' 7"	13' 11"	39' 4"	25' 11"	78,010	105,660	66,250	53,200	42" - 84"	
Komatsu	PC800LC-8	83.0	182,980	11' 10"	28' 3"	27' 8"	18' 3"	44' 2"	26' 9"	53,350 (N)	66,580 (N)	65,700	55,500	36" - 78"	
Hyundai	R800LC-7A	83.06	183,110	9' 8"	23' 9"	23' 3"	18' 7"	39' 3"	24' 7"	71,670	82,500	58,970	54,170	69.9" - 94.7"	
Hitachi	Zaxis 850LC-3 Mass Excavator	83.77	184,682	9' 8"	23' 5"	23' 0"	13' 5"	39' 5"	26' 8"	84,970	92,388	--	--	36" - 90"	
John Deere	850D LC ME	83.77	184,674	9' 8"	23' 5"	23' 0"	13' 5"	39' 5"	26' 8"	84,974	92,393	--	--	36" - 94"	
John Deere	850D LC	84.31	185,874	14' 5"	31' 5"	31' 0"	27' 10"	48' 0"	31' 11"	61,370	80,703	61,700	56,600	36" - 94"	
Hitachi	Zaxis 850LC-3	84.312	185,876	14' 5"	31' 5"	31' 0"	27' 10"	48' 0"	31' 11"	62,272	81,381	47,501	47,501	36" - 92"	
Caterpillar	385C L	84.98	187,360	18' 1"	34' 5"	34' 1"	23' 4"	50' 11"	32' 9"	55,350 (N)	75,150 (N)	75,630	58,120	42" - 94"	
Caterpillar	385C L Long Reach	86.38	190,430	18' 0"	37' 11"	37' 7"	20' 8"	55' 11"	36' 9"	46,400 (N)	75,380 (N)	32,570	32,570	42" - 78"	
Caterpillar	385C L Mass	88.09	194,200	11' 2"	25' 5"	24' 7"	16' 2"	41' 8"	27' 0"	65,540 (N)	86,630 (N)	74,000	56,340	89" - 94"	

\*Bucket digging and arm (stick) forces = Normal (N) digging forces are listed when published; otherwise boost values are shown.

# CURRENT MAKES AND MODELS

Bucket capacity, SAE heaped, min-max (cu yds)	BLADE		ENGINE		TRACK			HYDRAULICS		DIMENSIONS					Model	
	Blade (std, opt, none)	Max blade width (ft/in)	Engine make	Engine model	Net hp	Track shoe or rubber track width (in)	Max travel speed (mph)	Max drawbar pull (lbs)	Total flow of main pumps, implement & swing (gpm)	Max normal relief valve pressure (psi)	Transport length (ft/in)	Transport height (ft/in)	Transport width (ft/in)	Tail overhang over side (ft/in)		Length of track on ground (ft/in)
1.85 - 4.18	None	--	Isuzu	AH-6WG1XYSA-01	348	36"	3.4	79,590	200	4,625	39' 1"	11' 6"	10' 10"	5' 9"	14' 8"	Zaxis 450LC-3
1.56 - 5.01	None	--	Isuzu	AH-6WG1XYSA-01	348	36"	3.4	79,590	200	4,625	39' 1"	11' 6"	10' 10"	5' 9"	14' 8"	450D LC
1.58 - 4.05	None	--	Isuzu	AH-6UZ1XYSS	362	35.4"	3.3	76,660	190.2	4,980	39' 4"	12' 0"	10' 10"	5' 10"	14' 5"	470 X2 Extendable Sideframes
1.80 - 4.71	None	--	Cummins	QSM11	320	24"	3.3	82,000	200.8	4,690	39' 4"	12' 0"	9' 9"	6' 5"	14' 8"	R500LC-7A
2.49 - 4.61	None	--	Volvo	D12D EAE3	315	36"	3	72,990	182	4,550	39' 7"	12' 5"	10' 10"	6' 1"	14' 4"	EC460C L Retractable
1.85 - 4.18	None	--	Isuzu	AH-6WG1XYSA-01	348	36"	3.4	79,590	200	4,625	36' 10"	12' 3"	10' 10"	5' 9"	14' 8"	Zaxis 450LC-3 Mass Excavator
1.56 - 5.01	None	--	Isuzu	AH-6WG1XYSA-01	348	36"	3.4	79,590	200	4,625	36' 10"	12' 3"	10' 10"	5' 9"	14' 8"	450D LC ME
1.5 - 4.0	None	--	Hino	P11C-UP	326	35.4"	3.4	89,500	195.6	4,970	39' 4"	11' 7"	12' 0"	6' 0"	14' 5"	SK485LC Acera Mark 8
1.20 - 4.19	--	--	Doosan	DV11	329	30"	3.1	75,264	186	4,550	37' 6"	13' 9"	13' 9"	12' 2"	17' 11"	DX520LC
1.5 - 4.0	None	--	Hino	P11C-UP	326	35.4"	3.4	90,600	195.6	4,970	37' 8"	12' 8"	12' 0"	6' 0"	14' 5"	SK485LC Mass Excavator
2.15 - 4.2	None	--	Liebherr	D936L	326	30"	3.1	96,443	241	5,076	42' 8"	12' 11"	11' 11"	6' 3"	14' 5"	R954C
2.05 - 4.98	None	--	Komatsu	SAA6D140E-5	429	35.5"	3	93,250	216	4,620	42' 4"	14' 1"	11' 6"	5' 11"	15' 1"	PC600LC-8
3.3 - 6.5	None	--	Liebherr	D9508	434	30"	2.5	124,319	281	5,076	45' 11"	13' 11"	13' 6"	6' 10"	15' 0"	R964C
3.5 - 6.0	None	--	Isuzu	AH-6WG1XYSA-02	463	36"	3	101,666	247.9	4,627	40' 3"	16' 3"	13' 5"	5' 4"	15' 1"	Zaxis 650LC-3 Mass Excavator
2.36 - 5.3	None	--	Isuzu	AH-6WG1XYSA-02	463	36"	3	101,664	241	4,625	40' 3"	16' 3"	12' 3"	5' 4"	15' 1"	650D LC ME
1.88 - 6.28	None	--	Cat	C15 MEUI ACERT	405	36"	2.6	103,767	212	4,640	43' 9"	14' 5"	12' 0"	6' 5"	15' 5"	365C L Long Reach
2.36 - 5.3	None	--	Isuzu	AH-6WG1XYSA-02	463	36"	3	101,664	241	4,625	43' 4"	16' 4"	12' 3"	5' 4"	15' 1"	650D LC
1.3 - 6.0	None	--	Isuzu	AH-6WG1XYSA-02	463	36"	3	101,666	247.9	4,627	43' 4"	16' 4"	13' 5"	5' 4"	15' 1"	Zaxis 650LC-3
4.28 - 7.68	None	--	Volvo	D16E EAE3	424	36"	2.9	101,830	230	4,550	40' 0"	15' 11"	14' 1"	6' 5"	15' 7"	EC700C L ME
2.47 - 5.91	--	--	Isuzu	AH-6WG1XYSS Tier 3	463	35.5"	2.5	103,862	--	4,554	43' 8"	16' 11"	13' 1"	--	19' 3"	CX700B
1.78 - 4.89	None	--	Isuzu	AH-6WG1XYSS-01	463	35.4"	2.5	103,862	232.4	4,980	43' 7"	14' 1"	11' 11"	6' 3"	15' 5"	700 X2
1.78 - 4.89	None	--	Isuzu	AH-6WG1XYSS-01	463	35.4"	2.5	103,862	232.4	4,980	39' 9"	15' 7"	11' 11"	6' 3"	15' 5"	700 X2 ME
3.60 - 7.68	None	--	Volvo	D16E EAE3	424	36"	2.9	101,830	230	4,550	43' 5"	15' 1"	11' 6"	6' 5"	15' 7"	EC700C L
5.2	None	--	Cat	C15 MEUI ACERT	405	36"	2.6	103,767	212	4,640	39' 11"	15' 0"	12' 0"	6' 5"	15' 5"	365C L Mass
5.2 - 5.9	None	--	Liebherr	D9508	434	24"	2.3	160,739	281	5,076	41' 10"	13' 5"	13' 1"	7' 1"	14' 10"	R964C SME
2.5 - 7.0	None	--	KDI	SAA6D140E-5	426	35.4"	2.6	143,203	133.2	4,790	47' 6"	16' 11"	12' 6"	7' 5"	16' 10"	SK850LC Super Acera
2.47 - 5.42	None	--	Isuzu	AH-6WG1X	532	29.5"	2.6	127,000	264.2	4,970	47' 1"	15' 9"	12' 3"	6' 11"	16' 8"	800LX (Tier III)
2.47 - 5.91	--	--	Isuzu	AH-6WG1XYSS Tier 3	532	29.5"	2.6	127,017	--	4,554	45' 8"	20' 4"	13' 11"	--	20' 10"	CX800B
2.47 - 5.91	None	--	Isuzu	AH-6WG1X	532	29.5"	2.6	127,000	264.2	4,970	43' 5"	16' 7"	12' 3"	6' 11"	16' 8"	800LX ME (Tier III)
2.23 - 5.93	None	--	Komatsu	SAA6D140E-5	487	40"	2.6	125,660	261	4,550	47' 3"	15' 5"	13' 0"	7' 0"	16' 6"	PC800LC-8
4.45 - 6.67	None	--	Cummins	QSX 15	490	32"	2.5	130,730	266.2	4,690	43' 0"	16' 6"	12' 1"	8' 1"	16' 6"	R800LC-7A
2.0 - 7.6	None	--	Isuzu	AH-6WG1XYSA-03	532	36"	2.5	126,193	285.9	4,627	44' 4"	17' 1"	12' 3"	7' 11"	16' 9"	Zaxis 850LC-3 Mass Excavator
2.74 - 7.38	None	--	Isuzu	AH-6WG1XYSA-03	532	36"	2.5	126,194	278	4,625	44' 4"	17' 1"	12' 3"	7' 8"	16' 9"	850D LC ME
2.74 - 7.38	None	--	Isuzu	AH-6WG1XYSA-03	532	36"	2.5	126,194	278	4,625	48' 8"	15' 9"	12' 3"	7' 8"	16' 9"	850D LC
2.0 - 6.5	None	--	Isuzu	AH-6WG1XYSA-03	532	36"	2.5	126,193	285.9	4,627	48' 8"	15' 9"	12' 3"	7' 11"	16' 9"	Zaxis 850LC-3
2.75 - 7.25	None	--	Cat	C18 MEUI ACERT	513	36"	2.8	133,090	259	4,640	48' 1"	17' 3"	12' 8"	9' 5"	16' 10"	385C L
2.75 - 6.00	None	--	Cat	C18 MEUI ACERT	513	36"	2.8	133,090	259	4,640	53' 3"	17' 5"	12' 8"	9' 5"	16' 10"	385C L Long Reach
6.00 - 7.25	None	--	Cat	C18 MEUI ACERT	513	36"	2.8	133,090	259	4,640	44' 4"	16' 4"	12' 8"	9' 5"	16' 10"	385C L Mass

		WEIGHTS		PERFORMANCE										BUCKET	
Make	Model	Operating weight (metric tons)	Operating weight (lbs)	Arm (stick) length used for dimensions & forces (ft/in)	Max dig depth (ft/in)	Depth @ 8' bottom (ft/in)	Max depth of vertical wall (ft/in)	Reach @ ground level (ft/in)	Dump height (ft/in)	Arm (stick) force* (lbs)	Bucket digging force* (lbs)	Lift over end, 20' radius @ ground (lbs)	Lift over side, 20' radius @ ground (lbs)	Bucket width, min-max (in)	
<b>&gt;90 to 150 metric tons operating weight</b>															
Liebherr	R974C	90.1	198,636	15' 5"	35' 7"	--	--	50' 10"	33' 8"	58,495	99,995	40,058	37,986	47" - 89"	
Liebherr	R974C SME	100.0	220,679	9' 6"	23' 11"	--	--	40' 4"	27' 11"	87,563	104,356	55,579	55,579	85" - 94"	
Komatsu	PC1250-8	108.8	239,880	11' 2"	30' 8"	30' 3"	25' 0"	49' 3"	28' 6"	88,180 (N)	94,800 (N)	--	--	59" - 80.7"	
Hitachi	EX1200-6	112	246,917	11' 2"	26' 5"	26' 0"	17' 0"	43' 10"	26' 5"	95,681	115,081	--	--	76" - 91"	
Komatsu	PC1250LC-8	113.5	250,154	11' 2"	30' 8"	30' 3"	25' 0"	49' 3"	28' 6"	88,180 (N)	94,800 (N)	--	--	59" - 80.7"	
Liebherr	R984C	120.2	265,130	11' 2"	26' 1"	--	--	44' 11"	30' 2"	102,750	132,750	78,352	78,352	63" - 110"	

\*Bucket digging and arm (stick) forces = Normal (N) digging forces are listed when published; otherwise boost values are shown.

# CURRENT MAKES AND MODELS

		BLADE		ENGINE			TRACK			HYDRAULICS		DIMENSIONS				
Bucket capacity, SAE heaped, min-max (cu yds)	Blade (std, opt, none)	Max blade width (ft/in)	Engine make	Engine model	Net hp	Track shoe or rubber track width (in)	Max travel speed (mph)	Max drawbar pull (lbs)	Total flow of main pumps implement & swing (gpm)	Max normal relief valve pressure (psi)	Transport length (ft/in)	Transport height (ft/in)	Transport width (ft/in)	Tail overhang over side (ft/in)	Length of track on ground (ft/in)	Model
2.9 - 7.6	None	--	Liebherr	D9508	543	30"	2.7	163,886	287	4,641	47' 3"	19' 8"	14' 2"	7' 5"	16' 11"	<b>R974C</b>
7.5 - 8.1	None	--	Liebherr	D9508	543	24"	2.2	194,909	287	4,641	44' 1"	16' 11"	14' 6"	7' 3"	16' 6"	<b>R974C SME</b>
3.9 - 5.9	None	--	Komatsu	SAA6D170E-5	672	39.4"	2	154,320	419.5	4,550	52' 7"	19' 10"	15' 1"	8' 5"	16' 5"	<b>PC1250-8</b>
6.8 - 8.8	None	--	Cummins	QSK23 - Tier 2	740	35"	2.2	158,940	412	4,625	--	18' 9"	--	--	16' 5"	<b>EX1200-6</b>
3.9 - 5.9	None	--	Komatsu	SAA6D170E-5	672	39.4"	2	154,320	419.5	4,550	52' 7"	19' 10"	16' 1"	7' 11"	19' 7"	<b>PC1250LC-8</b>
6.1 - 13.1	None	--	Cummins	QSK19-C750	701	30"	1.8	195,075	481	4,641	48' 8"	18' 6"	15' 10"	7' 10"	16' 7"	<b>R984C</b>

Make	Model	WEIGHT		PERFORMANCE							LIFTING		BUCKET	
		Operating weight (metric tons)	Operating weight (lbs)	Arm (stick) length used for dimensions & forces (ft/in)	Max dig depth (ft/in)	Dig depth of 8' bottom (ft/in)	Max depth of vertical wall (ft/in)	Reach @ ground level (ft/in)	Dump height (ft/in)	Bucket digging force* (lbs)	Arm (stick) force* (lbs)	Lift over end, 20' radius @ ground (lbs)	Lift over side, 20' radius @ ground (lbs)	Bucket width, min-max (in)
<b>Up to 13 metric tons operating weight</b>														
Hyundai	R55W-7A	5.4	12,020	5' 3"	7' 6"	--	9' 5"	9' 6"	14' 3"	8,490 (N)	6,390(N)	6,020 (10')	3,330 (10')	12.4" - 27.8"
Doosan	DX55W	5.55	12,236	5' 3"	11' 6"	--	--	20' 1"	14' 0"	9,184	6,048	6,504	3,820	14" - 29"
Gallmac	WMW 100	9.750	21,495	6' 8.7"	13' 9.2"	13' 3.2"	9' 4.8"	23' 3.5"	17' 2.2"	13,600 (N)	7,275 (N)	3,307	3,307	14" - 41"
Gallmac	WMW 115	11.000	24,250	6' 10.7"	14' 4.1"	13' 10.3"	10' 8.6"	24' 2.2"	17' 9.2"	16,534 (N)	9,259 (N)	4,409	4,409	15" - 43.3"
<b>&gt;13 to 15 metric tons operating weight</b>														
Hyundai	140W-7A	13.5	29,760	6' 11"	15' 10"	15' 0"	13' 11"	25' 3"	19' 11"	20,440	17,550	9,260	4,100	20.5" - 50.8"
Doosan	DX140W	13.75	30,314	8' 2"	15' 0"	--	--	24' 8"	19' 1"	19,004	16,138	11,740	9,600	18" - 48"
Caterpillar	M313D	13.9	30,644	7' 6"	17' 4"	16' 8"	11' 1"	27' 10"	19' 7"	20,906	15,062	10,580	7,500	24" - 79"
Doosan	Solar 140WV	13.900	28,880	8' 2"	15' 1"	--	13' 5"	23' 11"	18' 6"	17,416	13,889	7,630	4,870	22" - 55"
Gallmac	WMW 150	14.100	31,085	8' 10.3"	15' 10"	15' 9"	9' 10"	26' 7"	13' 2"	23,846 (N)	12,324 (N)	7,112	7,112	17.7" - 47.2"
<b>&gt;15 to 17 metric tons operating weight</b>														
Caterpillar	M315D	15.8	34,833	7' 10"	18' 8"	18' 0"	12' 0"	29' 5"	20' 1"	22,705	16,635	12,570	8,380	24" - 79"
Hyundai	170W-7A	16.2	35,710	7' 3"	17' 9"	17' 1"	16' 1"	27' 10"	20' 10"	26,630	20,900	11,380	5,310	24.4" - 59.8"
<b>&gt;17 to 18 metric tons operating weight</b>														
Caterpillar	M316D	17.35	38,250	8' 6"	19' 3"	18' 8"	12' 6"	30' 1"	20' 6"	22,705	15,961	13,890	9,480	24" - 79"
Volvo	EW160C	17.4	38,260	8' 6"	18' 10"	18' 3"	15' 10"	29' 5"	20' 6"	22,144	18,367	12,060	8,860	--
Doosan	Solar 180WV	17.700	39,021	8' 6"	19' 8"	--	16' 6"	29' 1"	20' 8"	24,690	20,370	13,250	10,180	26" - 46"
Doosan	DX190W	17.8	37,479	8' 5"	21' 3"	--	--	31' 2"	21' 10"	25,794	19,842	16,250	11,810	24" - 52"
Volvo	EW160C	17.8	39,176	8' 6"	18' 9"	18' 2"	15' 1"	29' 11"	23' 4"	22,144	18,367	12,000	8,850	--
<b>&gt;18 to 20 metric tons operating weight</b>														
Liebherr	A 900 C	17.9	39,450	8' 8"	19' 0"	18' 0"	13' 6"	29' 10"	21' 0"	24,346	15,669	12,500	8,700	21.7" - 49.2"
Caterpillar	M318D	19.15	42,220	9' 3"	20' 7"	20' 1"	11' 11"	31' 6"	20' 7"	28,326	19,109	16,097	9,923	24" - 79"
Volvo	EW180C	19.2	42,330	8' 6"	19' 1"	18' 5"	13' 2"	29' 9"	21' 2"	25,020	21,850	17,570	10,220	--
John Deere	190D W Monoblock Boom	19.60	43,211	8' 11"	19' 2"	18' 6"	17' 3"	30' 10"	21' 2"	22,916	18,465	13,563	10,947	24" - 60"
Gradall	XL3300 III	19.647	39,294	--	18' 5"	16' 6"	2' 3"	27' 3"	15' 6"	19,300 (N)	22,075 (N)	4,920	4,920	15" - 72"
Gradall	XL3100 III	19.743	39,486	--	19' 8"	17' 6"	1' 6"	27' 5"	16' 3"	17,990	21,940	4,710	4,710	15" - 72"
Doosan	Solar 210WV	19.800	43,651	9' 6"	21' 6"	--	19' 3"	31' 10"	22' 5"	26,455	20,502	14,620	12,060	27" - 66"
Volvo	EW180C	19.8	43,660	8' 6"	20' 8"	20' 1"	15' 8"	31' 8"	24' 10"	25,020	21,850	16,730	10,250	--
Hitachi	Zaxis 190W-3 Monoblock Boom	19.971	44,029	8' 11"	19' 2"	18' 6"	17' 3"	30' 10"	21' 2"	22,916	18,465	13,563	10,947	24" - 60"
John Deere	190D W 2-piece Boom	20.40	44,974	8' 11"	19' 5"	18' 10"	17' 3"	30' 6"	22' 10"	22,916	18,509	12,699	11,538	24" - 60"

\*Bucket digging and arm (stick) forces = Normal (N) digging forces are listed when published; otherwise boost values are shown.

# CURRENT MAKES AND MODELS

	CONFIGURATION		ENGINE				HYDRAULICS		DIMENSIONS							Model
	Bucket capacity, SAE heaped, min-max (cu yds)	Boom type	Blade and/or outrigger combinations*	Engine make	Engine model	Net hp	Drive wheels	Max travel speed (mph)	Total flow of main pumps, implement & swing (gpm)	Max normal relief valve pressure, max (psi)	Transport length (ft/in)	Transport height (ft/in)	Transport width (ft/in)	Tailswing radius (ft/in)	Tire size	
0.09 - 0.24	1 piece	--	Yanmar	4TNV98	55.2	4WD	16.8	31.8	3,130	20' 0"	9' 4"	--	5' 5"	12.00-16.5	<b>R55W-7A</b>	
0.09 - 0.24	1 piece	O+B	Yanmar	--	55	--	19	29	3,046	20' 1"	9' 4"	6' 4"	5' 5"	16.5-1200	<b>DX55W</b>	
0.47	3 piece	O+B	Perkins	1004-42	88	4WD	17.5	51.3	4,060	16' 4"	9' 8"	7' 6.5"	4' 9"	405-70	<b>WMW 100</b>	
0.78	3 piece	O+B	Perkins	1004-40T	108	4WD	16	51.3	4,060	16' 4"	10' 0"	7' 8"	4' 9"	405-70	<b>WMW 115</b>	
0.30 - 0.93	1 piece	Bl	Mitsubishi	D04FD	105	4WD	18.6	68.6	4,690	25' 7"	9' 5"	8' 2"	7' 5.8"	9.00-20	<b>140W-7A</b>	
0.31 - 0.99	1 piece	--	Doosan	DLO6	132	--	23	68.7	4,978	23' 7"	11' 0"	8' 2"	--	10.00-20	<b>DX140W</b>	
0.45 - 1.38	1 piece	O+B	Cat	C4.4 ACERT	127	4WD	23	50	5,076	26' 6"	10' 3"	8' 4"	6' 9"	10.00-20	<b>M313D</b>	
0.39 - 1.0	1 piece	O+B	Doosan	DB58TIS	128	4WD	23	85.6	4,978	23' 9"	11' 9"	8' 2"	7' 3"	9.00-20	<b>Solar 140WV</b>	
0.93	3 piece	O+B	Deutz	BF4M2012C	130	4WD	15	64.6	4,060	19' 6"	10' 3"	8' 0.4"	5' 4"	405/70R24	<b>WMW 150</b>	
0.45 - 1.35	1 piece	O+B	Cat	C4.4 ACERT	135	4WD	21	58	5,076	27' 4"	10' 4"	8' 4"	7' 3"	10.00-20	<b>M315D</b>	
0.51 - 1.37	1 piece	Bl	Mitsubishi	D04FD	116	4WD	18.6	88.8	4,690	28' 3"	9' 12"	8' 2"	8' 4"	10.00-20	<b>170W-7A</b>	
0.45 - 1.35	1 piece	O+B	Cat	C6.6 ACERT	158	4WD	23	66	5,076	27' 7"	10' 5"	8' 4"	7' 6"	10.00-20	<b>M316D</b>	
0.75 - 1.21	Mono block	O+B	Volvo	D6E EDE3	142	4WD	21.7	64.2	4,714	26' 10"	10' 9"	8' 4"	7' 1"	10.00-20	<b>EW160C</b>	
0.44 - 1.19	1 piece	O+B	Doosan	DB58TIS	150	4WD	20	97.2	4,978	28' 2"	12' 5"	8' 2"	8' 0"	10.00-20	<b>Solar 180WV</b>	
0.5 - 1.21	1 piece	--	Doosan	DLO6	156	--	22.4	105.6	4,978	29' 1"	11' 0"	8' 3"	--	10.00-20	<b>DX190W</b>	
0.75 - 1.14	2 piece	O+B	Volvo	D6E EDE3	142	4WD	21.7	64.2	4,714	27' 2"	10' 4"	8' 4"	7' 1"	10.00-20	<b>EW160C</b>	
0.36 - 1.11	1 piece	O+B	Liebherr	D934-S	129	4WD	18.6	79	5,076	28' 10"	10' 4"	8' 4"	7' 7"	10.00 x 20	<b>A 900 C</b>	
0.45 - 1.43	1 piece	O+B	Cat	C6.6 ACERT	166	4WD	23	73.9	5,076	29' 4"	10' 11"	8' 4"	8' 2"	10.00-20	<b>M318D</b>	
0.88 - 1.34	Mono block	O+B	Volvo	D6E ECE3	152	4WD	21.7	105	4,714	28' 9"	10' 5"	8' 4"	8' 0"	10.00-20	<b>EW180C</b>	
0.52 - 1.43	1 piece	O+B	Isuzu	4HK1X	159	4WD	21.7	107.1	4,975	29' 6"	10' 3"	8' 4"	7' 7"	10.00-20, 16 PR	<b>190D W Monoblock Boom</b>	
0.20 - 1.125	Telescopic	--	MTU	OM904	152	4WD	20.0	116	4,900	24' 3"	12' 10"	8' 6"	7' 6"	10.00x20	<b>XL3300 III</b>	
0.20 - 1.125	Telescopic	Bl	MTU	OM906	184	4WD	53.4	66	4,800	27' 3"	12' 11"	8' 6"	7' 6"	425/65R22.50	<b>XL3100 III</b>	
0.65 - 1.54	1 piece	O+B	Doosan	DB58TIS	154	4WD	21.7	126	4,978	31' 3"	12' 5"	8' 1"	9' 0"	10.00-20	<b>Solar 210WV</b>	
0.88 - 1.34	2 piece	O+B	Volvo	D6E ECE3	152	4WD	21.7	105	4,714	29' 2"	10' 5"	8' 4"	8' 0"	10.00-20	<b>EW180C</b>	
0.52 - 1.43	1 piece	O+B	Isuzu	4HK1X	159	4WD	21.7	107.1	4,975	29' 6"	10' 3"	8' 4"	7' 7"	10.00-20, 16 PR	<b>Zaxis 190W-3 Monoblock Boom</b>	
0.52 - 1.43	2 piece	O+B	Isuzu	4HK1X	159	4WD	21.7	107.1	4,975	28' 10"	10' 6"	8' 11"	7' 7"	10.00-20, 16 PR	<b>190D W 2-piece Boom</b>	

\*Blade and/or outrigger combinations = Blade only (Bl); Outrigger on one end only (Ox1); Outriggers on both ends (Ox2); Outrigger plus blade (O+B); Neither is used (None)

Make	Model	WEIGHT		PERFORMANCE							LIFTING		BUCKET	
		Operating weight (metric tons)	Operating weight (lbs)	Arm (stick) length used for dimensions & forces (ft/in)	Max dig depth (ft/in)	Dig depth of 8' bottom (ft/in)	Max depth of vertical wall (ft/in)	Reach @ ground level (ft/in)	Dump height (ft/in)	Bucket digging force* (lbs)	Arm (stick) force* (lbs)	Lift over end, 20' radius @ ground (lbs)	Lift over side, 20' radius @ ground (lbs)	Bucket width, min-max (in)
<b>&gt;20 metric tons operating weight and over</b>														
Liebherr	A 904 C	20.2	44,550	10' 0"	21' 7"	21' 0"	13' 6"	31' 7"	20' 6"	31,159	17,130	15,000	9,500	21.7" - 55.1"
Hyundai	200W-7A	20.5	45,200	9' 6"	20' 11"	20' 4"	19' 1"	31' 9"	23' 2"	32,720	28,810	13,820	9,610	27.6" - 65.7"
Hitachi	Zaxis 190W-3 2-piece Boom	20.700	45,636	8' 11"	19' 5"	18' 10"	17' 3"	30' 6"	22' 10"	22,916	18,509	12,699	11,538	24" - 60"
Doosan	DX210W	20.8	45,667	9' 8"	20' 6"	--	--	32' 8"	23' 9"	27,558	26,676	16,750	13,330	28" - 63"
Gradall	XL4300 III	21.790	43,580	--	21' 3"	19' 6"	3' 5"	30' 4"	17' 0"	25,405 (N)	22,075	7,945	7,570	15" - 72"
Volvo	EW210C	21.9	48,190	8' 6"	20' 4"	20' 0"	15' 6"	31' 6"	25' 1"	27,920	24,640	18,070	14,720	--
Volvo	EW210C Monoblock Boom	21.9	48,190	8' 6"	20' 9"	20' 1"	14' 10"	31' 6"	21' 9"	27,920	24,640	18,480	11,600	--
Liebherr	A 914 C	22.0	48,400	10' 0"	21' 2"	20' 6"	15' 0"	33' 0"	21' 8"	35,542	22,301	16,600	12,900	21.7" - 55.1"
Caterpillar	M322D	22.2	48,940	9' 6"	21' 3"	20' 8"	16' 11"	33' 10"	21' 2"	31,500	23,400	18,743	13,230	30" - 91"
John Deere	220D W Monoblock Boom	22.32	49,207	9' 7"	20' 8"	20' 1"	18' 4"	32' 8"	24' 1"	28,904	22,873	16,190	13,232	24" - 60"
Hitachi	Zaxis 220W-3 Monoblock Boom	22.629	49,888	9' 7"	20' 8"	20' 1"	18' 4"	32' 8"	24' 1"	28,904	22,873	16,190	13,232	24" - 60"
John Deere	220D W 2-piece Boom	23.30	51,368	9' 7"	19' 11"	19' 8"	17' 3"	32' 0"	25' 0"	28,904	22,873	15,669	13,637	24" - 60"
Hitachi	Zaxis 220W-3 2-piece Boom	23.588	52,003	9' 7"	19' 11"	19' 8"	17' 3"	32' 0"	25' 0"	28,904	22,873	15,669	13,637	24" - 60"
Gradall	XL4100 III	23.750	47,500	--	20' 3"	19' 3"	3' 3"	30' 3"	17' 2"	24,900 (N)	24,500 (N)	7,640	6,865	15" - 72"
Liebherr	A 924 C	24.8	54,700	10' 0"	21' 2"	20' 6"	15' 0"	32' 11"	21' 7"	35,542	22,301	20,100	18,700	21.7" - 55.1"
Gradall	XL5100 III	27.474	54,948	--	24' 5"	22' 8"	3' 10"	33' 9"	18' 11"	24,900 (N)	24,500 (N)	9,815	9,800	15" - 72"

\*Bucket digging and arm (stick) forces = Normal (N) digging forces are listed when published; otherwise boost values are shown.

# CURRENT MAKES AND MODELS

Bucket capacity, SAE heaped, min-max (cu yds)	CONFIGURATION		ENGINE				HYDRAULICS		DIMENSIONS							Model
	Boom type	Blade and/or outrigger combinations*	Engine make	Engine model	Net hp	Drive wheels	Max travel speed (mph)	Total flow of main pumps, implement & swing (gpm)	Max normal relief valve pressure, max (psi)	Transport length (ft/in)	Transport height (ft/in)	Transport width (ft/in)	Tailswing radius (ft/in)	Tire size		
0.39 - 1.37	1 piece	O+B	Liebherr	D934-S	143	4WD	18.6	100	5,076	31' 6"	10' 8"	8' 4"	8' 3"	10.00 x 20	A 904 C	
0.67 - 1.75	1 piece	O+B	Cummins	QSB 6.7	153	4WD	20.5	116.2	4,690	31' 2"	10' 2"	8' 2"	9' 1"	10.00-20	200W-7A	
0.52 - 1.43	2 piece	O+B	Isuzu	4HK1X	159	4WD	21.7	107.1	4,975	28' 10"	10' 6"	8' 4"	7' 7"	10.00-20, 16 PR	Zaxis 190W-3 2-piece Boom	
0.67 - 1.67	1 piece	--	Doosan	DL06	162	--	23	122.4	4,978	30' 9"	11' 5"	8' 3"	--	10.00-20	DX210W	
0.20 - 1.125	Telescopic	--	MTU	OM904	153	4WD	17.5	121	4,900	26' 3"	12' 10"	8' 6"	8' 0"	10.00x20	XL4300 III	
0.92 - 1.44	2 piece	O+B	Volvo	D6E EEE3	170	4WD	18.6	105	4,714	30' 6"	10' 5"	8' 4"	8' 8"	10.00-20	EW210C	
0.92 - 1.47	Mono block	O+B	Volvo	D6E EEE3	170	4WD	18.6	105	4,714	30' 9"	10' 5"	8' 4"	8' 8"	10.00-20	EW210C Monoblock Boom	
0.45 - 1.83	1 piece	Ox2	Liebherr	D934-S	163	4WD	18.6	114	5,076	31' 4"	11' 0"	8' 4"	9' 1"	10.00 x 20	A 914 C	
0.71 - 1.65	1 piece	O+B	Cat	C6.6 ACERT	165	4WD	15	89.8	5,076	31' 7"	10' 8"	9' 0"	9' 0"	11.00-20	M322D	
0.52 - 1.39	1 piece	O+B	Isuzu	4HK1X	159	4WD	23.3	107.1	4,975	31' 10"	10' 5"	8' 11"	9' 0"	10.00-20, 16 PR	220D W Monoblock Boom	
0.52 - 1.43	1 piece	O+B	Isuzu	4HK1X	159	4WD	17.1	107.1	4,975	31' 10"	10' 5"	8' 11"	9' 0"	10.00-20, 16 PR	Zaxis 220W-3 Monoblock Boom	
0.52 - 1.43	2 piece	O+B	Isuzu	4HK1X	159	4WD	23.3	107.1	4,975	30' 7"	11' 1"	8' 11"	9' 0"	10.00-20, 16 PR	220D W 2-piece Boom	
0.52 - 1.43	2 piece	O+B	Isuzu	4HK1X	159	4WD	17.1	107.1	4,975	30' 7"	11' 1"	8' 11"	9' 0"	10.00-20, 16 PR	Zaxis 220W-3 2-piece Boom	
0.20 - 1.125	Telescopic	Bl	MTU	OM906	238	6WD	53.4	88	4,800	29' 6"	11' 9"	8' 6"	8' 0"	385/65R22.5	XL4100 III	
0.45 - 1.83	1 piece	Ox2	Liebherr	D934-L	184	4WD	15.5	114	5,076	31' 6"	11' 0"	9' 0"	9' 2"	11.00 x 20	A 924 C	
0.20 - 1.125	Telescopic	Bl	MTU	OM906	258	6WD	53.4	89	4,800	30' 5"	11' 9"	8' 6"	8' 6"	385/65R22.5	XL5100 III	

\*Blade and/or outrigger combinations: Bl = Blade only; Ox1 = Outrigger on one end only; Ox2 = Outriggers on both ends; O+ B = Outrigger plus blade;

Make	Model	WEIGHTS		PERFORMANCE										BUCKET	
		Operating weight (metric tons)	Operating weight (lbs)	Arm (stick) length used for dimensions & forces (ft./in)	Max dig depth (ft./in)	Depth @ 8' bottom (ft./in)	Max depth of vertical wall (ft./in)	Reach @ ground level (ft./in)	Dump height (ft./in)	Arm (stick) force* (lbs)	Bucket digging force* (lbs)	Lift over end, 20' radius @ ground (lbs)	Lift over side, 20' radius @ ground (lbs)	Bucket width, min-max (in)	
<b>Up to 24 metric tons operating weight</b>															
Doosan	Solar 225LCV SLR	21.5	47,400	9' 6"	21' 9"	21' 2"	19' 10"	31' 11"	22' 4"	22,500	28,900	10,280	10,280	30.2" - 33.9"	
Case	CX210B LR	22.98	50,660	21' 0"	39' 5"	38' 9"	33' 9"	42' 7"	35' 2"	10,341	14,613	11,565	9,013	24" - 60"	
Link-Belt	210X2 Long Front	23.0	50,710	21' 0"	39' 5"	38' 9"	33' 9"	50' 10"	35' 2"	10,341	14,613	11,550	9,000	24" - 60"	
Volvo	EC210C LR	23.2	51,200	20' 6"	39' 8"	39' 4"	36' 8"	51' 6"	--	9,920	15,430	--	--	--	
Kobelco	SK210LC Long Reach	23.4	51,500	20' 10"	39' 5"	--	36' 8"	51' 7"	37' 10"	12,072	17,760 (N)	12,330	9,120	--	
John Deere	200D LC Super Long Front	23.47	51,740	20' 9"	39' 4"	--	--	50' 0"	36' 5"	10,917	17,703	11,260	9,600	30" - 60"	
JCB	JS220LR	23.7	52,342	21' 0"	39' 4"	--	--	50' 10"	34' 3"	9,900	12,980	13,206	9,789	24" - 79"	
<b>24 to &lt;28 metric tons operating weight</b>															
Hyundai	R210LC-9 Long Reach	24.9	54,900	20' 8"	38' 7"	38' 3"	31' 6"	49' 7"	33' 8"	11,020 (N)	16,310 (N)	10,520	9,900	20.5" - 40.8"	
Caterpillar	320D L	25	55,490	20' 7"	39' 0"	--	38' 6"	51' 2"	36' 7"	10,300	13,500	10,650	10,650	45"	
John Deere	240D LC Super Long Front	26.21	57,775	25' 10"	47' 1"	--	--	59' 7"	44' 0"	11,028	17,656	11,640	11,640	30" - 60"	
Volvo	EC240C LR	27.7	61,520	25' 9"	47' 0"	46' 8"	41' 11"	59' 8"	--	9,920	15,440	--	--	--	
<b>28 to &lt;30 metric tons operating weight</b>															
Case	CX240B LR	28.0	61,730	26' 3"	47' 9"	47' 3"	39' 10"	45' 9"	38' 8"	9,060	17,310	13,415	12,813	24" - 66"	
Link-Belt	240X2 Long Front	28.0	61,750	26' 3"	47' 9"	47' 3"	39' 10"	59' 9"	38' 8"	9,060	17,310	13,400	12,800	24" - 60"	
Kobelco	SK260LC Long Reach	28.01	61,900	27' 1"	48' 6"	--	40' 4"	60' 6"	40' 4"	11,600 (N)	19,851 (N)	11,810	11,810	--	
JCB	JS260LR	28.8	63,558	26' 1"	20' 7"	--	--	61' 7"	35' 5"	5,244	18,876	10,040	8,440	24" - 79"	
John Deere	270D LC Super Long Front	29.43	64,890	25' 10"	47' 4"	--	--	59' 6"	40' 11"	11,028	17,656	14,520	14,460	30" - 60"	
Link-Belt	290X2 Long Front	29.8	65,700	25' 6"	46' 4"	45' 10"	--	60' 3"	41' 10"	--	--	19,061	10,107	24" - 60"	
<b>30 to &lt;35 metric tons operating weight</b>															
Volvo	EC290C LR	31.7	69,900	25' 11"	48' 5"	48' 1"	44' 4"	60' 7"	--	14,440	15,550	--	--	--	
Caterpillar	324D L LR	32	69,980	25' 9"	47' 11"	--	45' 7"	61' 0"	43' 7"	11,500	13,700	23,500	12,250	45"	
Hyundai	R290LC-9 Long Reach	33.2	73,330	25' 9"	48' 7"	48' 2"	39' 5"	60' 4"	40' 0"	10,580 (N)	15,650 (N)	16,290	14,970	20.5" - 40.8"	
Kobelco	SK295LC Long Reach	34	75,190	26' 4"	49' 4"	--	44' 0"	62' 6"	41' 2"	12,100 (N)	22,425 (N)	15,040	11,770	--	
<b>35 to &lt;45 metric tons operating weight</b>															
Caterpillar	329D L LR	36	78,860	25' 9"	48' 0"	--	45' 11"	61' 0"	41' 9"	11,500	13,700	17,450	11,750	45"	
John Deere	350D LC Super Long Front	36.22	79,856	24' 8"	46' 5"	--	--	60' 0"	38' 11"	16,345	20,691	19,570	16,360	36" - 60"	
John Deere	350D LC Super Long Front	37.14	81,878	30' 10"	57' 1"	--	--	71' 11"	48' 8"	13,503	17,703	19,670	16,200	36" - 60"	
<b>45 metric tons operating weight and over</b>															
Doosan	Solar 470LC-V Long Front	46.9	103,400	19' 8"	38' 9"	38' 4"	33' 10"	52' 0"	32' 4"	--	60,600	--	--	61" - 65"	
Doosan	DX300SLR	50.7	111,800	23' 0"	45' 6"	45' 3"	38' 2"	57' 1"	39' 2"	16,300	45,000	--	--	43" - 46"	

\*Arm (stick) and bucket digging forces = Normal (N) digging forces are listed when published; otherwise boost values are shown.

# CURRENT MAKES AND MODELS

	BLADE	ENGINE	TRACK	HYDRAULICS	DIMENSIONS										
Bucket capacity, SAE heaped, min-max (cu yds)	Blade (std, opt, none)	Engine make	Engine model	Net hp	Track shoe or rubber track width (in)	Max travel speed (mph)	Max drawbar pull (lbs)	Total flow of main pumps, implement & swing (gpm)	Max normal relief valve pressure (psi)	Transport length (ft/in)	Transport height (ft/in)	Transport width (ft/in)	Tail overhang over side (ft/in)	Length of track on ground (ft/in)	Model
0.51	None	Doosan	DB58TIS	148	23.6"	3.4	45,860	113.6	4,690	31' 2"	9' 9"	9' 9.7"	4' 1"	11' 11.5"	Solar 225LCV SLR
0.50 - 1.98	--	Isuzu	4HK1X Tier 3	157	31.5"	3.5	42,534	--	4,975	40' 11"	9' 10"	9' 1"	--	14' 8"	CX210B LR
0.50 - 0.95	None	Isuzu	A1-4HK1X	157	31.5"	3.4	42,500	111.4	5,330	40' 11"	9' 10"	10' 6"	3' 8"	12' 0"	210X2 Long Front
0.68	None	Volvo	D6E EAE3	147	32"	3.4	41,230	106	4,690	42' 0"	10' 4"	10' 6"	3' 11"	12' 0"	EC210C LR
0.45 - 0.75	None	FPT	F4GE9684E-J6	150	31.5"	3.7	44,700	116.2	4,980	41' 2"	10' 0"	10' 6"	3' 9"	12' 0"	SK210LC Long Reach
0.5 - 0.75	None	Deere	6068H	164	32"	3.4	45,620	112	4,980	39' 3"	10' 7"	10' 6"	3' 9"	12' 0"	200D LC Super Long Front
0.36 - 0.72	None	Isuzu	4HK1X	172	24" - 35"	3.4	43,144	113.2	4,975	41' 2"	9' 11"	10' 2"	--	12' 0"	JS220LR
0.30 - 0.68	None	Cummins	QSB6.7	143	32"	3.3	46,500	117.2	4,978	39' 6"	10' 9"	10' 6"	4' 0"	12' 0"	R210LC-9 Long Reach
0.78	None	Cat	C6.4 ACERT	148	32"	3.4	44,040	108.4	4,980	41' 6"	10' 6"	10' 5"	3' 10"	12' 0"	320D L
0.5 - 0.75	None	Deere	6068H	177	32"	3.4	49,920	118.4	4,980	45' 7"	10' 8"	10' 8"	4' 1"	12' 7"	240D LC Super Long Front
0.68	None	Volvo	D7E EBE3	168	32"	3.4	46,960	122	4,550	47' 3"	10' 5"	11' 1"	4' 2"	12' 8"	EC240C LR
0.50 - 0.96	--	Isuzu	4HK1X Tier 3	177	31.5"	3.4	45,254	--	4,975	47' 2"	10' 3"	9' 1"	--	15' 4"	CX240B LR
0.50 - 0.86	None	Isuzu	A1-4HK1X	177	31.5"	3.4	45,250	123.6	5,340	47' 2"	10' 3"	11' 1"	4' 1"	12' 7"	240X2 Long Front
0.45 - 0.75	None	FPT	F4HE9684C-J1	181	31.5"	3.7	51,500	129.8	4,980	47' 2"	9' 7"	11' 1"	4' 3"	12' 8"	SK260LC Long Reach
0.36 - 0.72	None	Isuzu	4HK1X	197	24" - 36"	3.4	44,309	119.4	4,975	47' 7"	10' 6"	10' 9"	--	12' 7"	JS260LR
0.5 - 0.9	None	Deere	6068H	188	32"	3.4	56,074	124.6	4,980	45' 5"	10' 8"	11' 1"	4' 1"	13' 3"	270D LC Super Long Front
0.69 - 2.43	None	Isuzu	AH-6HK1XYSS	207	31.5"	3.5	52,380	128.4	5,400	49' 7"	11' 1"	11' 2"	--	13' 1"	290X2 Long Front
0.68 - 0.75	None	Volvo	D7E EAE3	192	32"	3.2	51,820	132	4,550	48' 0"	10' 11"	11' 1"	4' 4"	13' 2"	EC290C LR
0.78	None	Cat	C7 ACERT	188	32"	3.4	51,032	116	5,076	47' 1"	10' 4"	11' 1"	5' 6"	12' 7"	324D L LR
0.30 - 0.68	None	Cummins	QSB6.7	197	32"	3.2	60,200	137.4	4,978	47' 9"	11' 8"	11' 2"	4' 10"	13' 3"	R290LC-9 Long Reach
0.45 - 0.75	None	FPT	F4HE9684B-J1	197	31.5"	3.5	57,800	129.8	4,980	47' 10"	11' 2"	11' 2"	4' 6"	13' 2"	SK295LC Long Reach
0.78	None	Cat	C7 ACERT	204	32"	3.3	55,977	124	5,076	47' 2"	10' 7"	11' 1"	4' 6"	13' 1"	329D L LR
0.65 - 1.44	None	Deere	6090H	271	32"	3.4	67,928	152.2	4,980	47' 10"	10' 10"	11' 1"	5' 6"	13' 3"	350D LC Super Long Front
0.65 - 0.9	None	Deere	6090H	271	32"	3.4	67,928	152.2	4,980	55' 8"	12' 7"	11' 1"	5' 6"	13' 3"	350D LC Super Long Front
1.95	None	Doosan	DE12TIS	312	23.6"	3.1	74,080	189.6	4,550	--	11' 0"	10' 11.5"	5' 8"	14' 8"	Solar 470LC-V Long Front
0.84	--	Doosan	DIN6271	197	23.6"	--	--	--	--	47' 2"	11' 4"	10' 6"	--	16' 2"	DX300SLR

## MANUFACTURERS INDEX

### **Case Construction Equipment**

621 State St.  
Racine, WI 53404  
262-636-6011  
[www.casece.com](http://www.casece.com)

### **Caterpillar Inc.**

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### **Doosan Infracore America**

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### **Gradall Industries**

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### **Hitachi Construction and Mining Products**

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### **Hyundai Construction Equipment USA**

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### **John Deere Construction & Forestry Division**

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### **Kobelco Construction Machinery America LLC**

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### **Komatsu America Corp.**

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### **LiuGong Construction Machinery North America**

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### **New Holland Construction**

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### **Volvo Construction Equipment**

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