

AGGREGATES

MANAGER

Your Guide
to Profitable
Auction



SPEC GUIDE

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trucks

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Randall  Reilly

April 2010

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Make	Model	PAYLOAD & WEIGHTS				BODY					ENGINE		
		Payload rating (metric tons)	Payload capacity (lbs)	Empty machine weight (lbs)	Gross (loaded) machine weight (lbs)	Heaped capacity (2:1) (SAE) (cu yds)	Struck capacity (SAE) (cu yds)	Loading height (ft/in)	Dump time, full cycle (sec)	Dump angle (deg)	Engine make	Engine model	Net power (hp)
20 to <26 metric tons (22 to <29 US tons) payload													
JCB	722	20	44,092	37,669	81,791	15.7	--	8' 6"	19	74°	Cummins	QSB 6.7	242
Case	327B	23	51,147	49,758	100,905	18.0	13.9	8' 11"	26	68°	Case	10F3A	300
John Deere	250D	23.2	51,150	40,340	91,490	18.0	13.7	8' 8"	17.9	70°	Deere	6090H	265
Moxy	MT26	24	53,020	45,870	98,890	20	16	9' 4"	24	70°	Scania	DC 9	310
Volvo	A25E 4X4	24	52,911	42,924	95,835	17	12.5	9' 2"	14	59°	Volvo	D9B AB E3	299
Volvo	A25E 6X6	24	52,911	47,530	100,440	19.6	15.3	9' 1"	21	74°	Volvo	D9B AB E3	303
Terex	TA25	25	50,710	46,010	96,720	17.6	13.1	8' 6"	12	65°	Cummins	QSC8.3	266
26 to <30 metric tons (29 to <33 US tons) payload													
Caterpillar	725	26	52,010	49,075	101,085	18.8	14.5	9' 1"	21	70°	Cat	C11 ACERT	301
John Deere	300D	27.3	60,190	42,990	103,180	21.7	16.5	9' 0"	17.9	70°	Deere	6090H	285
Komatsu	HM300-2	27.3	60,360	53,000	113,360	21.7	16.9	9' 2"	--	70°	Komatsu	SAA6D125E-5	329
Terex	TA27	27.5	55,115	48,280	103,395	20.3	16.4	8' 11"	12	65°	Cummins	QSM11	335
Case	330B	28	62,082	49,758	111,840	23.0	17.8	9' 7"	26	68°	Case	10F3A	334
Moxy	MT31	28	61,729	49,935	111,664	22.0	17.8	9' 7"	24	70°	Scania	DC 9	336
Volvo	A30E 6x6	28.1	61,950	50,840	112,570	22.9	17.8	9' 4"	21	70°	Volvo	D9B AD E3	336
Moxy	MDT31	29	61,610	50,425	112,035	24	19	10' 2"	24	--	Scania	DC9	336
30 to <35 metric tons (33 to <39 US tons) payload													
Terex	TA30	30.9	61,730	49,430	111,160	22.9	18.0	9' 6"	12	65°	Cummins	QSM11	333
Case	335B	31	69,445	62,832	132,277	26.2	19.6	10' 11"	24	68°	Case	13F3B	380
Caterpillar	730	31	62,000	50,375	112,375	22.1	17.1	9' 6"	24	70°	Cat	C11 ACERT	317
Caterpillar	730 Ejector	31	62,000	56,330	118,330	22.1	17.7	10' 0"	27	--	Cat	C11 ACERT	317
Komatsu	HM350-2	32.3	71,400	68,500	139,900	25.9	19.1	9' 9"	--	70°	Komatsu	SAA6D140E-5	394
John Deere	350D	32.5	71,650	61,730	133,380	26.3	19.9	10' 1"	20.6	70°	Mercedes Benz	OM501LA	380
Moxy	MT36	33	72,091	63,493	135,584	26.2	21.0	10' 5"	23	70°	Scania	DC 12	388
Volvo	A35E 6X6	33.6	74,075	61,950	135,805	26.8	20.9	9' 8"	22	70°	Volvo	D12D AA E3	414
Volvo	A35E 6X6 FS	33.6	74,075	61,950	135,805	26.8	20.9	9' 8"	22	70°	Volvo	D12D AA E3	414
35 to <40 metric tons (39 to <44 US tons) payload													
Case	340B	36	79,366	63,934	143,300	28.8	22.2	10' 2"	24	68°	Case	13F3B	426
Caterpillar	735	36	72,090	66,690	138,780	25.8	19.2	9' 9"	18	70°	Cat	C15 ACERT	385
Komatsu	HM400-2	36.5	80,640	71,560	152,200	29.2	21.6	9' 9"	--	70°	Komatsu	SAA6D140E-5	438
John Deere	400D	37	81,570	65,960	147,530	29.4	22.1	10' 6"	20.6	70°	Mercedes Benz	OM501LA	413
Moxy	MDT41	37	81,840	59,728	141,568	34	27	11' 10"	24	--	Scania	DC12	438
Moxy	MT41	37	82,012	61,619	143,631	29.7	23.4	10' 7"	23	70°	Scania	DC 12	438
Terex	TA35	37.5	74,956	64,547	139,506	27.5	20.3	9' 9"	12.5	65°	MTU	Series 60, 14L	388
Volvo	A40E 6X6	39.0	94,798	66,580	152,560	31.4	24.1	10' 4"	22	72°	Volvo	D16E AA E3	464
Volvo	A40E 6X6 FS	39.0	86,001	67,460	153,442	31.4	24.2	10' 4"	22	72°	Volvo	D16E AA E3	464
40 metric tons & over (44 US tons & over) payload													
Terex	TA40	41.8	83,775	67,804	151,579	30.3	22.8	10' 4"	12.5	65°	MTU	Series 60, 14L	437
Caterpillar	740 Ejector	42	83,775	78,505	162,280	30.2	23.3	10' 1"	38	--	Cat	C15 ACERT	436
Caterpillar	740	43.5	83,775	72,400	156,175	31.4	24.2	10' 6"	19	70°	Cat	C15 ACERT	436

CURRENT MAKES AND MODELS

TRANSMISSION					AXLES		BRAKING	CAPACITIES & DIMENSIONS					TIRES	
Torque (lb-ft)	Transmission type*	Number of gear speeds (fwd/rev)	Max speed loaded (mph)	Drive wheels	Retarders: Engine/Other*	Service brakes	Fuel tank capacity (gal)	Overall length (ft/in)	Width, excluding mirrors (ft/in)	Height, body down (ft/in)	Outside turning radius (ft/in)	Tires	Model	
634	PS	6/3	28.6	6x6	--	Dry disc	71.3	30' 2"	8' 7"	11' 3"	34' 7"	650/65 R25	722	
1,063	Auto/PS	6/3	28.8	6x6	--	Caliper disc	100	32' 11"	9' 9"	11' 11"	27' 1"	23.5R25	327B	
789	Auto	6/1	31	6x6	T	Dry disc	90	31' 2"	9' 3"	11' 5"	26' 0"	23.5R25	250D	
1,070	Auto	6/3	32	6x6	E/H	Oil cooled disc	85	32' 2"	9' 6"	11' 0"	24' 10"	23.5R25	MT26	
1,246	Auto	6/2	32.9	4x4	E/T	Dry disc	106	29' 4"	10' 3"	10' 11"	23' 4"	23.5R25	A25E 4X4	
1,254	Auto	6/2	32.9	6x6	E/T	Dry disc	106	33' 6"	8' 10"	10' 11"	26' 7"	23.5R25	A25E 6X6	
907	Auto	6/3	32.3	6x6	E	Dry disc	103	32' 0"	9' 6"	11' 3"	--	23.5R25	TA25	
--	Auto	6/1	35.29	6x6	H	Dry disc	95	32' 6"	9' 1.2"	11' 3"	25' 0"	23.5R25	725	
789	Auto	6/1	31	6x6	T	Dry disc	90	31' 5"	9' 8"	11' 5"	26' 2"	23.5R25	300D	
1,259	Auto	6/2	36.4	6x6	--	Oil cooled disc	101.5	34' 3"	9' 6"	11' 7"	26' 1"	23.5R25	HM300-2	
1,234	Auto	6/3	31.3	6x6	E/T	Dry disc	103	32' 0"	9' 10"	11' 3"	--	23.5R25	TA27	
1,217	Auto/PS	6/3	28.8	6x6	C/T	Caliper disc	100	32' 11"	9' 9"	11' 11"	27' 1"	23.5R25	330B	
1,180	Auto	6/3	32	6x6	E/H	Oil cooled disc	93	30' 9"	9' 6"	11' 6"	25' 2"	23.5R25	MT31	
1,246	Auto	6/2	32.9	6x6	E/T	Dry disc	106	33' 9"	9' 6"	10' 11"	26' 7"	23.5R25	A30E 6x6	
1,180	Auto	6/3	32	6x6	E/H	Oil cooled disc	93	31' 0"	10' 8"	12' 9"	25' 2"	23.5R25	MDT31	
1,310	Auto	6/3	31.7	6x6	E/T	Oil immersed disc	103	32' 0"	9' 6"	11' 3"	29' 4"	23.5R25	TA30	
1,364	Auto/PS	6/3	29.8	6x6	C/T	Dry disc	119	35' 4"	10' 6"	12' 6"	28' 2"	26.5R25	335B	
--	Auto	6/1	34.37	6x6	H	Dry disc	95	32' 6"	9' 6"	11' 3"	24' 11"	23.5R25	730	
--	Auto	6/1	34.37	6x6	H	Dry disc	95	31' 10.7"	10' 0"	12' 4"	25' 2.9"	750/65R25	730 Ejector	
1,468	Auto	6/2	35.5	6x6	--	Oil cooled disc	130.3	36' 7"	10' 8"	11' 10"	28' 3"	26.5R25	HM350-2	
1,343	Auto	6/1	34	6x6	CE/T	Dry disc	128	33' 8"	11' 2"	12' 6"	29' 11.5"	26.5R25	350D	
1,290	Auto	6/3	33	6x6	E/H	Oil cooled disc	130	33' 11"	9' 9"	12' 3"	27' 5"	26.5R25	MT36	
1,547	Auto	9/3	35.4	6x6	E	Wet disc	127	36' 8"	10' 2"	9' 8"	28' 11"	26.5R25	A35E 6X6	
1,547	Auto	9/3	35.4	6x6	E	Wet disc	127	36' 8"	10' 2"	9' 8"	28' 11"	26.5R25	A35E 6X6 FS	
1,475	Auto/PS	6/3	29.8	6x6	C/T	Oil wet disc	119	35' 4"	10' 11"	12' 7"	28' 7"	29.5R25	340B	
--	Auto	8/1	36.22	6x6	C/--	Oil cooled disc	148	35' 9"	10' 6"	12' 1.2"	28' 2.4"	26.5R25	735	
1,541	Auto	6/2	36.4	6x6	--	Oil cooled disc	130.8	37' 1"	11' 4"	12' 2"	28' 7"	29.5R25	HM400-2	
1,454	Auto	6/1	32	6x6	CE/T	Oil cooled disc	128	34' 7"	11' 2"	12' 9"	30' 2"	29.5R25	400D	
1,367	Auto	6/3	33	6x6	E/H	Oil cooled disc	129	34' 3"	11' 5"	14' 10"	27' 7"	29.5R25	MDT41	
1,367	Auto	6/3	33	6x6	E/H	Oil cooled disc	129	33' 11"	10' 2"	12' 6"	27' 7"	29.5R25	MT41	
1,445	Auto	6/1	33.5	6x6	E/T	Dry disc	119	35' 11"	10' 6"	12' 9"	32' 0"	26.5R25	TA35	
1,837	Auto	9/3	35.4	6x6	E	Wet disc	144	40' 11"	11' 1"	10' 4"	29' 2"	29.5R25	A40E 6X6	
1,837	Auto	9/3	35.4	6x6	E	Wet disc	144	40' 11"	11' 1"	10' 4"	29' 2"	29.5R25	A40E 6X6 FS	
1,548	Auto	6/1	37.3	6x6	E/T	Oil cooled disc	119	35' 11"	11' 0"	12' 11"	32' 0"	29.5R25	TA40	
--	Auto	7/1	33.99	6x6	C/--	Oil cooled disc	148	38' 0"	11' 6"	12' 3"	29' 9.9"	29.5R25	740 Ejector	
--	Auto	7/1	33.99	6x6	C/--	Oil cooled disc	148	35' 9"	11' 2.6"	12' 3.4"	28' 2.4"	29.5R25	740	

		PAYLOAD & WEIGHTS				BODY				ENGINE			
Make	Model	Payload rating (metric tons)	Payload capacity, without liner (lbs)	Empty machine weight without liner (lbs)	Gross (loaded) machine weight (lbs)	Heaped capacity (2:1) (SAE) (cu yds)	Struck capacity (SAE) (cu yds)	Loading height (ft/in)	Dump time, full cycle (sec)	Dump angle (deg)	Engine make	Engine model	Gross power (hp)
30 to <40 metric tons (33.1 to <38.6 US tons) payload													
Terex	TR35	31.8	70,000	52,300	122,300	25	20	9' 11"	23.5	58°	Cummins	QSM11-C400E	400
Caterpillar	770	36	80,650	54,262	134,912	32.8	21.5	10' 3"	22.4	60°	Cat	C15 ACERT	511
Komatsu	HD325-7	36.5	83,040	69,700	152,740	31.4	23.5	10' 7"	--	48°	Komatsu	SAA6D140E-5	518
Hitachi	EH750-3	38.1	83,941	73,906	157,847	36.3	27.7	11' 5"	28.9	60°	MTU	Tier 3 Series 60	525
40 to <55 metric tons (44.1 to <55.1 US tons) payload													
Komatsu	HD405-7	41	89,680	75,840	165,520	35.7	26.2	11' 4"	--	48°	Komatsu	SAA6D140-5	518
Terex	TR45	41	90,000	81,870	171,870	34	25.6	11' 3"	22	58°	Cummins	QSK19-C525	525
Caterpillar	772	46	101,991	56,053	158,044	41	31.7	10' 3"	22.4	60°	Cat	C18 ACERT	598
55 to <90 metric tons (60.6 to <99.2 US tons) payload													
Caterpillar	773F	55	124,277	97,723	222,000	46	35	12' 6"	22	60°	Cat	C27 ACERT	740
Komatsu	HD465-7	55	124,740	95,020	219,760	44.7	32.7	11' 10"	--	48°	Komatsu	SAA6D170E-5	739
Terex	TR60	55	120,000	90,940	210,940	46	34	12' 1"	20	58°	Cummins	QSK19-C650	700
Hitachi	EH1100-3	60.3	132,897	97,577	230,473	51	37	12' 4"	28	60°	MTU	Tier 2 12V Series 2000	760
Komatsu	HD605-7	63	147,880	95,020	242,900	52.3	37.9	12' 8"	--	48°	Komatsu	SAA6D170E-5	739
Caterpillar	775F	64	142,160	99,840	242,000	55.3	42	13' 0"	22	60°	Cat	C27 ACERT	787
Terex	TR70	65	143,300	105,140	248,440	54.3	38.0	12' 5"	24.5	59°	MTU	12V-2000TA DDEC	760
90 to <105 metric tons (99.2 to <115.7 US tons) payload													
Caterpillar	777F	90	217,139	142,861	360,000	78.6	54.7	14' 4"	28	49.4°	Cat	C32 ACERT	1,016
Komatsu	HD785-7	94	208,000	158,800	366,000	78.5	52.3	14' 1"	27	48°	Komatsu	SAA12V140E-3	1,200
Hitachi	EH1700-3	95.2	209,800	150,216	360,008	78.8	51	14' 0"	24.9	60°	MTU	Tier 2 16V Series 2000	1,050
Hitachi	EH1700-3 HP	95.2	209,800	150,216	360,008	78.8	51	14' 0"	24.9	60°	MTU	Tier 2 16V Series 2000	1,205

			DRIVE SYSTEM				DIMENSIONS						TIRES		
Net power (hp)	Max torque (lb-ft)	Drive system *	Drive wheels	Number of gear speeds (fwd/rev)	Max speed loaded (mph)	Fuel tank capacity (gal)	Overall length (ft/in)	Overall operating width (ft/in)	Overall height (ft/in)	Wheelbase (ft/in)	Turning clearance radius (ft/in)	Tires	Model		
369	1,400	Auto	2WD	5 / 1	37.0	98	26' 3"	13' 2"	12' 8"	11' 10"	29' 0"	18.00R25	TR35		
476	1,711	Auto	2WD	7 / 1	46.5	140	28' 8"	15' 7"	27' 2"	13' 0"	30' 3"	18.00R33 (E4)	770		
498	1,600	Auto	2WD	7 / 1	43.5	127.9	27' 9"	15' 7"	13' 7"	12' 4"	23' 7"	18.00R33	HD325-7		
486	1,750	Auto	2WD	6 / 2	42.6	120	28' 7"	15' 10"	14' 3"	12' 5"	53' 0"	18.00R33	EH750-3		
498	1,600	Auto	2WD	7 / 1	43.5	127.9	27' 9"	15' 7"	13' 7"	12' 4"	23' 7"	18.00R33	HD405-7		
495	1,775	Auto	2WD	6 / 2	40.4	160	28' 7"	15' 2"	13' 11"	12' 11"	34' 6"	21.00R35	TR45		
535	1,988	Auto	2WD	7 / 1	49.5	140	28' 8"	15' 7"	27' 5"	13' 0"	32' 5"	21.00R33 (E4)	772		
703	2,507	Auto	2WD	6 / 1	41.9	185	33' 7"	17' 10"	14' 7"	13' 10"	42' 10"	24.00R35	773F		
715	2,452	Auto	2WD	7 / 1	43.5	206.1	30' 8"	17' 8"	14' 5"	14' 1"	27' 11"	24.00R35	HD465-7		
645	2,275	Auto	2WD	6 / 2	35.7	160	29' 11"	16' 4"	14' 7"	13' 8"	34' 5"	24.00R35	TR60		
697	2,280	Auto	2WD	6 / 2	36.1	185	31' 9"	16' 4"	15' 2"	14' 2"	63' 3"	24.00R35	EH1100-3		
715	2,452	Auto	2WD	7 / 1	43.5	206.1	30' 8"	17' 8"	14' 5"	14' 1"	27' 11"	24.00R35	HD605-7		
740	2,582	Auto	2WD	6 / 1	41.9	185	33' 11"	17' 8"	14' 6"	13' 10"	42' 10"	24.00R35	775F		
700	2,400	Auto	2WD	6 / 2	35.5	248	32' 6"	17' 4"	15' 0"	14' 8"	36' 9"	24.00R35	TR70		
938	3,478	Auto	2WD	6 / 1	40.1	300	32' 1"	20' 0"	16' 11"	15' 0"	46' 7"	27.00R49	777F		
1,178	3,747	Auto	2WD	7 / 2	40.4	345.6	33' 9"	22' 7"	16' 7"	16' 3"	33' 2"	27.00R49	HD785-7		
983	3,292	Auto	2WD	6 / 1	34.6	300	35' 0"	20' 6"	16' 11"	15' 1"	71' 6"	27.00R49	EH1700-3		
1,138	3,905	Auto	2WD	6 / 2	35.1	300	35' 0"	20' 6"	16' 11"	15' 1"	71' 6"	27.00R49	EH1700-3 HP		

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