## **K008-3 Competitive Comparison**



FEATURE			KUBOTA K008-3	BOBCAT 418	Cat 300.9D	Takeuchi TB210R	Wacker 803	
	Engine Model		Kubota D722	Kubota D722	Yanmar 31NV70	Kubota D722	Yanmar 3TNV74F0	
Engine	Horsepower (* SAE J 1995 Gross)	HP / rpm	10.1 / 2050*	9.9 / 2000	13.0 / 2100	11.7 / 2200	15.4 / 2500	
	Displacement	cu. in.	44.0	43.9	52	43.9	60.6	
	Emissions Tier Level (EPA)		Tier 4 Final	Tier 4 Final		Tier 4 Final		
	Overall length	in.	108.0	110.0	108.0	116.0	111.3	
	Overall height	in.	88.0	87.0	90.0	86.5	89.0	
Dimensions	Overall width	in.	28 / 34	27.9 / 43.3	28.0 / 34.0	29.5 / 40.2	33.9	
Dimensions	Tail swing type		Conventional	Zero	Conventional	Conventional	Conventional	
	Tail swing overhang	in.	10.0	0.0	12.0			
	Min. ground clearance	in.	5.9		5.0	6.2	5.2	
	Max. digging height	in.	113.0	105.7	203.0	117.5		
	Max. dumping height	in.	80.0	72.0	80.0	83.5	79.2	
Working Range	Max. digging radius @ ground	in.	119.0	122.0	119.0	129.0	121.7	
	Max. digging depth	in.	68.0	71.7	68.0	69.0	69.4	
	Max. vertical digging depth	in.	54.0	54.4	53.0	58.0		
	Pump capacity	GPM	5.6	5.4	6	5.9	6	
	Number of hydraulic pumps		2	2	2	2	2	
Livelyeville Cychese	Auxiliary hydraulic flow rate	GPM	5.6	5.3		5.9		
Hydraulic System	Auxiliary relief	psi	2418	2765				
	Maximum arm crowd force	lbf	1010	1248	1011	1439	1011	
	Max. bucket digging force	lbf	2200	1865	2000	2518	2000	
	Traveling speed	mph	1.2 / 2.5	1.3 / 2.1	1.1	1.2 / 2.3	1.1	
Duive Cuetana	Max. traction force	lbf	1390					
Drive System	Track shoe width	in.	7.1	7.1	7.1	7.1		
	Ground contact pressure	psi	3.5	4.3	3.5	4.1		
Curing aveters	Unit swing speed	rpm	8.3	9	8	10	8	
Swing system	Boom swing angle ( L / R )	degree	55 / 60	70 / 70	90/90	85 / 85	55 / 56	
	Blade width x height	in.	28 / 34 x 7.9	27.9 / 43.3 x 8.6	28.0 / 34.0 x 8	29.1 / 35.4 x 7.9	27.6 / 7.9	
Blade	Max. lift above ground	in.	7.9	7.7	8	6.1		
	Max. drop below ground	in.	7.1	9.1	7	4.1		
Conscition	Fuel reservoir	gal.	3.2	4.2	2.6	3.3	1.8	
Capacities	Hydraulic reservoir / system	gal.	3.3 / 4.5	/ 10.7	3.7 /	2.3 / 4	3.7 /	
Operating weight	Rubber tracks, canopy	lbs.	2200	2593	2061	2370	2269	

## **KX018-4 Competitive Comparison**



FEATURE		Kubota KX018-4	Bobcat E20	Caterpillar 301.7D CR	Deere 17G	TAKEUCHI TB216	
	Engine Model		Kubota D902	Kubota D722	Yanmar 3TNV76	Yanmar 3TNV74F	Yanmar 3TNV74
Engine	Horsepower (*SAE J 1995 Gross)	HP / rpm	15.2 / 2300*	13.9 / 2500	17.7 / 2200	10.8 / 2400	15.0 / 2400
	Displacement	cu. in.	54.8	43.9	40	61	60.6
	Emissions Tier Level (EPA)		Tier 4 Final	Tier 4 Final		Tier 4 Final	Tier 4 Final
	Overall length	in.	144	145.0	151.7	138	152.4
	Overall height	in.	91.7	90	90.1	94.5	88.8
Dimensions	Overall width	in.	39 / 51.2	39	39 / 51.2	39 / 50	38.6 / 51.2
Dimensions	Tail swing type		Conventional	Zero	Conventional	Minimal	Conventional
	Tail swing overhang	in.	16.5	None	23.4	4.5	16.7
	Min. ground clearance	in.	6.3			6	8.1
	Max. digging height	in.	136.2	NA	137.2	139	147.2
	Max. dumping height	in.	93.7	106.0	96	99	106.5
Working Range	Max. digging radius @ ground	in.	152	168.0	150		158.9
	Max. digging depth	in.	93.7	101.0	90.0	86.0	94.1
	Max. vertical digging depth	in.	80	81.0	56.3		81
	Pump capacity	GPM	13.7	NA	19.3	10.2	13.45
	Number of hydraulic pumps		4	NA	4	3	4
Hudraulia Cuatam	Auxiliary hydraulic flow rate	GPM	7.4	7.9	10.5	8.4	8.9
Hydraulic System	Auxiliary relief	psi	3130	2610	3481		
	Maximum arm crowd force	lbf	1852	2086	1890	1933	1843
	Max. bucket digging force	lbf	3594	4684	3190	3597	4250
	Traveling speed	mph	1.4 / 2.6	1.5 / 2.5	1.7 / 3.5	1.5 / 2.6	1.4 / 2.6
Drive Cyatam	Max. traction force	lbf	4542	NA			4361
Drive System	Track shoe width	in.	9.1	9	9	9	9
	Ground contact pressure	psi	3.7	4.2		3.9	4.3
Swing system	Unit swing speed	rpm	9.1	8.4		9.4	9.2
Swing system	Boom swing angle ( L / R )	degree	75 / 60	80 / 60	65 / 57	70 / 50	50 / 80
	Blade width x height	in.	39 / 51.2 x 9.1	NA	39 / 51.2 x 9	39 / 50 x 10.2	38.6 / 51.2 x 12.2
Blade	Max. lift above ground	in.	9.1	NA	11	11.2	14.4
	Max. drop below ground	in.	9.1	NA	12.5	9.1	14.2
Conneities	Fuel reservoir	gal.	5.6	5	5	5.2	5.8
Capacities	Hydraulic reservoir / system	gal.	4.1 / 7.4	NA	5.5 /	3.7 /	4.2 / 6.5
Operating weight	Rubber tracks, canopy	lbs.	3747	4306	3726	3790	3902

# **KX033-4 Competitive Comparison**



	FEATURE		KUBOTA KX033-4	BOBCAT E32i	BOBCAT E32	CAT 303.5E2 CR	JOHN DEERE 35G	TAKEUCHI TB230
			Kubota	Kubota	Doosan	Cat	Yanmar	Yanmar
			D1703M-DI-E4		D18NAP	C1.7	3TNV88F	3TNV88F
Engine	Horsepower (*SAE J 1995 Gross)	HP / rpm	24.8 / 2200*	24.8 / 2200	33.5 / 2400	24.8 / 2400	23.3 / 2400 (net)	24.4 / 2200
	Displacement	cu. in.	100.5	100.5	109.5	104.0	100.2	81
	Emissions Tier Level (EPA)		Tier 4 Final	Tier 4 Final	Tier 4	Tier 4 final	Tier 4 Final	Tier 4 Final
	Overall length	in.	186.0	184.0	187.5	186.0	187.0	181.0
	Overall height	in.	97.0	95.6	95.6	98.0	98.0	100.0
Dimonolone	Overall width	in.	61.0	60.0	59.8	70.0	69.0	57.5
Dimensions	Tail swing type		Conventional	Conventional	Conventional	Zero	Zero	Conventional
	Tail swing overhang	in.	18.7	17.9	17.9	- 2.0	- 0.5	
	Min. ground clearance	in.	11.4	n/a			11	11.9
	Max. digging height	in.	196.0		196.3	194.0	192	175.1
	Max. dumping height	in.	139.0	132.0	132.0	138.0	136	127.0
Working Range	Max. digging radius @ ground	in.	202.0	195.0	195.0	199.2	na	185.8
	Max. digging depth	in.	126.0	123.0	123.0	114.0	120	112.0
	Max. vertical digging depth	in.	88.0	95.0	95.0	91.3	na	85.0
	Pump capacity	GPM	26.5	26.6	26.6	26.4	26.2	24.2
	Number of hydraulic pumps		3	2	2	1	3	3
Hydraulic System	Auxiliary hydraulic flow rate	GPM	15.8	16.9	16.9	18.5	16.2	13.4
nyuraulic System	Auxiliary relief	psi	3414	2987	2987	3553		
	Maximum arm crowd force	lbf	3867	4589	3986	4249	4277	2900
	Max. bucket digging force	lbf	8138	6968	6968	7419	6085	6471
	Traveling speed	mph	1.9 / 2.9	1.6 / 2.9	1.6 / 2.9	2.0 / 2.9	1.7 / 2.8	1.8 / 3.2
Drive System	Max.traction force	lbf	6091	n/a		6969		6334
Drive System	Under carriage shoe width	in.	11.8	11.8	11.8	12	12	11.8
	Ground contact pressure	psi	4.45	4.3	4.3	4.6	4.6	4.3
Swing system	Unit swing speed	rpm	9.4	8.9	8.9	10	9	10.3
Swing system	Boom swing angle ( L / R )	degree	70 / 48	75 / 55	75 / 55	55 / 50	72 / 62	60 / 80
Blade	Blade width x height	in.	61 x 13.5 straight 61 X 15.2 angle	59.8 / 13.9	59.8 / 13.9	70 x 12.8	69 x 14.6	57.1 x 11.8
	Max. lift above ground	in.	14.4 straight 15.9 angle	14.8	14.8	16	14.2	9.9
	Max. drop below ground	in.	14.8 straight 18.9 angle	14.6	14.6	17	15.7	11.1
Capacities	Fuel reservoir	gal.	12.4	14	14.0	12.2	11.1	14
Capacities	Hydraulic reservoir / system	gal.	11.8/ 16.1	na	na	11.2 / 17.2	8.5 /	9.2 / 14.8
Operating weight	Rubber tracks, canopy	lbs.	7420	7183	7183	7803	7760	6360

## **KX040-4 Competitive Comparison**



	FEATURE		KUBOTA KX040-4	Bobcat E42	Cat 304E2 CR	Cat 305E2 CR	Deere 50G	Takeuchi TB240
	Model	unit	Kubota		Cat	Cat	Yanmar	Yanmar
	iviodei	unit	D1803		C2.4	C2.4	4TNV88C	4TNV88C
Engine	Horsepower (*SAE J 1995 Gross)	HP / rpm	40.9 / 2200*	42.7 / 2200	40.2 / 2400	40.2 / 2400	35.9 / 2400	35.8 / 2400
	Displacement	cu. in.	111.4	148.5	146	146	134	133
	Emissions Tier Level (EPA)		Tier 4 Final	Tier 4 Final	Tier 4 Final	Tier 4 Final	Tier 4 Final	Tier 4 Final
	Overall length	in.	200.2	200.0	194.1	208.3	217.0	200.2
	Overall height	in.	97.8	99.0	94.0	100.4	99.6	98.6
Dimensions	Overall width	in.	66.9	70.0	76.8	78.0	78.7	68.5
Difficusions	Tail swing type		Conventional	Conventional	Zero	Minimal	Minimal	Conventional
	Tail swing overhang	in.	17.7	17.6	0.0	4.0	3.5	
	Min. ground clearance	in.	13.0				13	11.6
	Max. digging height	in.	210.0	212.4	199.6	214.2	236.2	206.0
	Max. dumping height	in.	153.5	153.8	145.3	154.3	169.7	150.5
Working Range	Max. digging radius @ ground	in.	213.0	218.5	215.4	228.7		213.0
	Max. digging depth	in.	134.7	138.0	135.0	144.5	150.8	136.4
	Max. vertical digging depth	in.	88.8	107.9	100.8	103.5		105.0
	Pump capacity	GPM	24.4	26.2	23.1	31.5	31.7	30.6
	Number of hydraulic pumps		1	1				4
Hudraulia System	Auxiliary hydraulic flow rate	GPM	17.2 / 9.8	20.0	15.9 / 7.1	18.5 / 10.0	23.1	17.1
Hydraulic System	Auxiliary relief	psi	2495	3045	2734	2734		
	Maximum arm crowd force	lbf	4112	4953	4384	4788	4718	4110
	Max. bucket digging force	lbf	9535	9105	8498	10050	8267	9959
	Traveling speed	mph	1.8 / 3.1	1.6 / 2.9	2.1 / 3.2	1.6 / 2.8	1.6 / 2.6	1.8 / 3.3
Drive System	Max.traction force	lbf	9747		6969	10161		
	Under carriage shoe width	in.	13.8	13.8	13.8	15.7	16	13.8
	Ground contact pressure	psi	4.5	4.3	4.1	4.1		4.4
	Unit swing speed	rpm	9.2	9.1	9.0	9.0	9.0	9.6
Swing system	Boom swing angle ( L / R )	degree	70 / 55	75 / 50	55 / 50	80 / 50	80 / 60	76 / 58
Blade	Blade width x height	in.	66.9 x 15.7	68.9 x 15.7	76.8 x 12.8	78.0 x 14.8	79 x 15	68.5 x 15.5
	Max. lift above ground	in.	15.2	15.1	15.7	16.5	18	
	Max. drop below ground	in.	15.9	16.6	19	21.3	14	
	Fuel reservoir	gal.	16.9	21.1	12.2	16.6	18.5	18.5
Capacities	Hydraulic reservoir / system	gal.	11.1 / 19.6	4.0 /	11.2 / 17.2	18.0 / 20.6	14.8 /	10.8 / 19.5
Operating weight	Rubber tracks, canopy	lbs.	9,195	9,246	8,655	10,836	11,063	8,570

## **KX057-4 Competitive Comparison**



	FEATURE		KUBOTA KX057-4	Bobcat E55	Cat 305.5E2 CR L/Arm	Deere 60G	Takeuchi TB260
	Model		Kubota V2607	Doosan D24NAP	Cat C2.4	Yanmar 4TNV98	Yanmar 4TNV86CT
Engine	Horsepower (*SAE J 1995 Gross)	HP / rpm	47.6 / 2200*	49.8 / 2200	45.7 / 2200	53 / 2000	47.6 / 2400
	Displacement	cu. in.	159.6	146.0	146.0	203.0	127.6
	Emissions Tier Level (EPA)		Tier 4 Final	Tier 4	Tier 4 Final	Tier 4 Final	Tier 4 Final
	Overall length	in.	217.3	208.7	215.0	227.0	218.5
	Overall height	in.	100.4	100	100.0	100	102.4
<b>.</b> .	Overall width	in.	77.2	77.2	78.0	79	78.7
Dimension	Tail swing type		Conventional	Conventional	Minimal	Conventional	Conventional
	Tail swing overhang	in.	11.4	13.4	4.0	16.5	11.8
	Minimum ground clearance	in.	12.2			13.0	13.1
	Maximum digging height	in.	226.0	230.3	220.0	235	233.9
	Maximum dumping height	in.	164.6	162.7	161	164.0	166.1
Working range	Maximum digging radius at ground	in.	240.6	243.7	237.0		242.5
	Maximum digging depth	in.	152.2	154.5	152.0	150.8	153.5
	Maximum vertical digging depth	in.	67.3	126.0	107		117.3
	Pump capacity	GPM	39.4	36.6	39.6	38	45.3
	Number of hydraulic pumps		3	1		1	4
Lludus dis Costess	Auxiliary hydraulic line flow rate	GPM	19.8	20.0	21.1	24.2	27.0
Hydraulic System	Auxiliary relief	psi	2490	3045	2734		
	Maximum arm crowd force	lbf	5644	5751	5575	6,989	5752
	Maximum bucket breakout force	lbf	11,177	8,977	11,445	9,237	12,756
	Maximum traveling speed	mph	1.8 / 3.1	1.9 / 3.1	1.7 / 2.8	1.8 / 3.0	1.7 / 3.0
Duit or acceptance	Maximum traction force	lbf	14,480		10,746		13,997
Drive system	Under carriage shoe width	in.	15.7	15.7	15.7	15.7	15.7
	Ground pressure	psi	4.5	4.8	4.5	5.12	4.51
Curing avetage	Unit swing speed	rpm	9.3	9.0	10.0	9.5	9.4
Swing system	Boom swing angle	degree	70 / 55	75 / 50	60 / 50	80 / 60	78 / 55
Blade	Blade width x height	in.	77.2 x 16.1	77.2 x 17.6"	78 x 14.8	79 X 16.0	16.9
	Maximum lift above ground	in.	17.3	15.1	16	18	16.9
	Maximum drop below ground	in.	16.1	18.3	22.0	15	16.9
Congoition	Fuel reservoir	gal.	19.8	21.1	16.6	31.7	20.8
Capacities	Hydraulic reservoir / system	gal.	11.9 / 20.9	4.0 / 14.5	18.0 / 20.6	21.1 /	12.9 / 23.8
Operating weight	Rubber tracks, canopy	lbs.	12,200	12,004	11,596	13547 w/cab	12,509

#### **KX080-4S (Super Series) Competitive Comparison**



FEATURE		KUBOTA KX080-4S	KUBOTA KX080-4	Bobcat E85	Cat 308E2 CR	Deere 85G	Takeuchi TB290	
	Model	unit	Kubota V3303-CR-TE4 Turbocharged	Kubota V3307 Turbocharged	Yanmar 4TNV98C	Cat C3.3B	Yanmar 4TNV98C	Yanmar 4TNV98CT Turbocharged
Engine	Horsepower (*SAE J 1995 Gross)	HP / rpm	66.6 / 2000*	66.6 / 2000*	59.4 / 2100	66 / 2000	56.9 / 2000	69.2 / 2000
	Displacement	cu. in.	203.3	203.3	203	203.2	202	202
	Emissions Tier Level (EPA)		Tier 4 Final	Tier 4 Fianl	Tier 4 Final	Tier 4 Final	Tier 4 Final	Tier 4 Final
	Overall length	in.	253.9	253.9	246.7	249.6	269.0	262.2
	Overall height	in.	100.0	100.0	103.9	100.4	103.0	101.0
Dimensions	Overall width	in.	86.6	86.6	91.0	91.3	87.0	91.0
Dimensions	Tail swing type		Conventional	Conventional	Minimal	Conventional	Conventional	Conventional
	Tail swing overhang	in.	14.2	14.2	5.8	11.0	15.4	19.625
	Min. ground clearance	in.	14.0	15.4			14	15.0
	Max. digging height	in.	287.4	287.4	275.0	263.4	281.1	287.6
	Max. dumping height	in.	206.7	206.7	196.7	197.2	200.0	207.1
Working Range	Max. digging radius @ ground	in.	282.3	282.3	287.2	289.4	303	287.0
	Max. digging depth	in.	181.1	181.1	186.0	184.6	178.0	180.0
	Max. vertical digging depth	in.	151.6	151.57	148.0	139.8	159.4	149.8
	Pump capacity	GPM	44.6	55.6	45.9	39.6	38	62.5
	Number of hydraulic pumps		2	3	2	1	3	4
Hardward's Occatana	Auxiliary hydraulic flow rate	GPM	26.4 / 17.6	26. / 17.6	25.1 / 13.2	33.8 / 16.9		26.4 / 14.5
Hydraulic System	Auxiliary relief	psi	2988	2988	3045	2734 / 2524	3,771	na
	Maximum arm crowd force	lbf	8554	8554	8069	9015	7981	8161
	Max. bucket digging force	lbf	14660	14660	14509	13534	10476	16565
	Traveling speed	mph	1.7 / 3.1	1.7 / 3.1	1.7 / 2.9	1.4 / 3.17	na / 3.1	1.6 / 3.1
Duite Custom	Max.traction force	lbf	14615	14615		14500	14661	19780
Drive System	Under carriage shoe width	in.	17.7	17.7	17.7	18.0	18	17.7
	Ground contact pressure	psi	5.2	5.22	5.5	5.26		5.5
Curing aughana	Unit swing speed	rpm	10.2	9.5	9.5	11.0	10.5	10.3
Swing system	Boom swing angle ( L / R )	degree	70 / 60	70 / 60	70 / 55	60 / 50	60 / 60	70 / 60
	Blade width x height	in.	86.6 X 19.6	86.6 X 19.6	91.0 / 16.0	91.3 / 17.7	86.6 x 18	90.6 x 20
Blade	Max. lift above ground	in.	19.7	19.7		15	13	20.5
	Max. drop below ground	in.	19.7	19.7	12	14.2	13	19.3
Composition	Fuel reservoir	gal.	30.4	30.4	29.1	33	31.7	33.8
Capacities	Hydraulic reservoir / system	gal.	19.8 / 35.7	19.8 / 35.7	22.9 / 39.1	21.7 / 24.8	15.0 / 27.0	19.3 / 37.0
Operating weight	Rubber tracks, canopy	lbs.	18,280	18,280	18,960	18,519	19,244	19,145