



## KX080 Power Utility Excavators

### Competitive Comparison

		KUBOTA KX080-3	Bobcat 442	Cat 308D CR SB	Deere 75D	Komatsu PC78US-6	Takeuchi TB180FR	
Engine	Engine Model	Kubota V3307 (Turbo)	Deutz M2011 Turbo	Mitsubishi 4M40	Isuzu 4LE2X Turbo	Komatsu S4D95LE-3	Yanmar 4TNV98	
	Output (SAE J1995 gross)/rated speed	HP/rpm	70.0 / 2000	73.0 / 2200	57.6 / -	54 / 2000	54 / 1850	64.6 / 2300
	Displacement	cu. in.	203.3.3		173	133	199	202
Dimension	Overall length	ft. in.	21' 1.9"	19' 9.4"	21' 0"	6' 11"	20' 7"	20' 3"
	Overall height	ft. in.	8' 4"	8' 11.1"	8' 6"	9' 3"	8' 11"	9' 1"
	Overall width	ft. in.	7' 2.6"	7' 7.7"	7' 7"	7' 9"	7' 7"	7' 7"
	Tail swing radius	ft. in.	4' 9.5"	3' 10.3"	4' 4"	4' 3"	4' 1"	4' 1"
	Tail swing overhang	in.	14.1	0.4	6.5	0"	3.4	0
	Minimum ground clearance	in.	15.4	16.1	-	14	14	13.7
Working range Long stick	Maximum digging height	ft. in.	23' 11"	20' 2.9"	22' 10"	25' 0"	24' 11"	not published
	Maximum dumping height	ft. in.	17' 2.7"	13' 8"	16' 4"	18' 1"	18' 0"	14' 8"
	Maximum digging radius at ground	ft. in.	23' 6.3"	23' 10"	24' 5"	22' 2"	22' 3"	23' 7"
	Maximum digging depth	ft. in.	15' 1.1"	13' 11"	15' 6"	15' 1"	15' 5"	14' 11"
	Maximum vertical digging depth	ft. in.	12' 7.6"	8' 7.5"	11' 9"	13' 10"	13' 2"	11' 5"
Hydraulic System	Pump capacity	Gpm	55.6	54.9	not published	51.8	58.1	52.5
	Auxiliary hydraulic line flow rate	Gpm	26.4 / 17.6	26.4	33.8 / 16.9	not published	32.5	17.4
	Maximum arm crowd force	lbf	8554	9585	7868	7209	4230	8020
	Maximum bucket breakout force	lbf	14,660	11970	13,489	12,368	13,780	16,335
Drive system	Maximum traveling speed	mph	1.7 / 3.1	1.7 / 3.2	1.9 / 3.1	13. / 3.1	1.9 / 2.8	1.7 / 3.4
	Maximum drawbar pull	lbf	14,615	13,613	14,388	14,661	14,661	18,720
	Under carriage shoe width	in.	17.7	17.7	18	18	17.7	17.7
	Ground pressure, rubber / steel	psi	5.22	4.4	4.7	4.9 / 3.7	- / 4.4	5.5 / 5.6
Swing System	Unit swing speed	rpm	9.5	10.0	10.0	10.5	10.0	10.0
	Boom swing angle	degrees	70 / 60	63 / 65	50 / 56	No swing	No swing	30 / 15
Blade	Blade width x height	in.	86.6 X 19.7	91.7 / 18.9	91.3 / 17.1	97 X 18	91 X 19	91 X 19.7
	Maximum lift above ground	in.	19.7	20	15	15	15	not published
	Maximum drop below ground	in.	19.7	15.4	14	11	9.6	not published
Capacities	Fuel reservoir	Gal	30.4	34	33	36	33	24.3
	Hydraulic reservoir/system	Gal	19.8 / 35.7	29	21.9 / 24.8	15 / 26	- / 29.1	18 / 31.7
Operating weight		Lb.	18,254	16,538	18,519	17,412	15,850	18,370