



U45 Excavators

Competitive Comparison								
FEATURE			KUBOTA U45	Bobcat 435	Cat 305C CR	Deere 50D	Komatsu PC55MR-3	Takeuchi TB153FR
Engine	Model		Kubota V2203	Kubota V2403 Turbo	Mitsubishi S4Q2-T	Yanmar 4TNV88	Komatsu 4D88E-6	Yanmar 4TNV88
	Output (SAE J1995 gross)/rated speed	HP/rpm	40.5 / 2250	48.8 / 2200	48.5 / 2400	39.9 / 2500	38.2 / 2400	39.7 / 2400
	Displacement	cu. in.	134.1	not published	153	134	134	134
Dimension	Overall length	in.	212	207	214	217	219	211
	Overall height	in.	100	100	100	99	100	102
	Overall width	in.	77	76	78	79	77	79
	Minimum ground clearance	in.	12.6	9.7	not published	13.2	not published	11.8
Working range Long stick	Maximum digging height	in.	217.3	180	222	237	234	not published
	Maximum dumping height	in.	156.2	153	159	170	167	153
	Maximum digging radius at ground	in.	231	234.6	238	not published	239	244
	Maximum digging depth	in.	142	148.5	153	153	150	154
	Maximum vertical digging depth	in.	94.5	101.1	115	not published	119	119
Hydraulic System	Pump capacity	Gpm	32.1	29.7	34.3	33	37.1	39.9
	Auxiliary hydraulic line flow rate	Gpm	17.2	19.8	18.5	22.5	18.5	14.8
	Maximum bucket breakout force	lbf	9,685	7,892	11,445	8,273	8,770	11,093
Drive system	Maximum traveling speed	mph	1.4 / 2.7	2.7 / 5.1	1.6 / 2.8	1.7 / 2.8	1.7 / 2.9	1.7 / 3.1
	Maximum drawbar pull	lbf	12,871	10489	10813	not published	9440	12613
	Under carriage shoe width	in.	15.7	15.7	15.7	15.7	15.7	15.7
	Ground contact pressure	psi	4.25	4.07	not published	4.31	4.4	4.63
Swing system	Unit swing speed	rpm	9.1	9.6	9.0	9	9	10
	Boom swing angle	degrees	80 / 50	90 / 50	60 / 50	80 / 60	85 / 50	30 / 15
Blade	Blade width x height	in.	77 x 15.4	76 x 17.4	77.9 x 14.8	79 x 14	77 x 14	79 x 16.9
	Maximum lift above ground	in.	18.1	16.0	17	16.7	17	not published
	Maximum drop below ground	in.	18.9	21.0	21.3	14	13	not published
Capacities	Fuel reservoir	Gal	18.5	18	19	18.5	17	17
	Hydraulic Tank / System	Gal	12.0 / 17.8	-- / 14.3	12.7 / 20.6	17.3 / --	5.3 / --	18 / 21.9
Operating weight		Lb.	11,640	10,802	11,465	10,977	11,378	12,450

These comparison of specifications are based upon the most reliable data obtainable by Kubota at the time of publication.

Kubota reserves the right to change specifications without notice.

Information in this section has been obtained both from literature published by competitors and from other sources available at the time this material was being prepared.

It is correct to the best of our knowledge but due to technological developments it is subject to change without notice.