



## U25 Excavators

Competitive Comparison						
FEATURE			KUBOTA U25	Deere 27D	Komatsu PC27MR-3	Yanmar ViO27-5
Engine	Model		Kubota D1105	Yanmar 3TNV88	Komatsu 3D82AE-6	Yanmar 3TNV82A-SVB
	Output (SAE J1995 gross)/rated speed	HP/rpm	21 / 2400	26.4 / 2200	25.7 / 2600	21.6 / 2200
	Displacement	cu. in.	68.5	100	81	not published
Dimension	Overall length	in.	163	168	168	163
	Overall height	in.	95	97	99	99
	Overall width	in.	59	61	61	61
	Minimum ground clearance	in.	11.2	12.6	not published	13
Working range Long stick	Maximum digging height	in.	178	180	190	181
	Maximum dumping height	in.	126.4	131	133	115
	Maximum digging radius at ground	in.	184	not published	190	181
	Maximum digging depth	in.	111	115	112	114
	Maximum vertical digging depth	in.	102	not published	93	87
Hydraulic System	Pump capacity	Gpm	20.3	20.8	24.4	22.9
	Auxiliary hydraulic line flow rate	Gpm	12.7	13.9	13.2	13.9
	Maximum bucket breakout force	lbf	5,765	4,994	4,920	6,722
Drive system	Maximum traveling speed	mph	1.6 / 2.9	1.6 / 2.8	1.6 / 3.0	1.7 / 2.9
	Maximum drawbar pull	lbf	6745	not published	7050	not available
	Under carriage shoe width	in.	11.8	12	11.8	10
	Ground contact pressure	psi	3.32	4.31	4.1	4.1
Swing system	Unit swing speed	rpm	9.8	9.1	9.2	10.0
	Boom swing angle	degrees	75 / 55	72 / 62	80 / 50	45 / 70
Blade	Blade width x height	in.	59 x 11.8	61 x 12.8	61 x 13	61 x 13
	Maximum lift above ground	in.	14	14	14	13.8
	Maximum drop below ground	in.	13	12.4	12	12.6
Capacities	Fuel reservoir	Gal	7.4	10.6	11.6	11
	Hydraulic reservoir / System	Gal	5.8 / 9.8	9.2 / -	3.7 / -	14.3 / --
Operating weight		Lb.	5,625	6,839	6,460	6,945