

KOBELCO EXCAVATORS

MARK III SERIES

	SK60 MARK III	SK100 MARK III	SK120 MARK III	SK200 MARK III	SK220 MARK III	SK300-II	SK400-II	SK600	SK1350 Backhoe	SK1350 Loading
GENERAL										
Operating weight with bucket (kg)	6,400 (with 400 mm shoe)	10,900 (with 700 mm shoe)	11,940 (with 700 mm shoe)	19,200 (with 800 mm shoe)	23,300 (with 800 mm shoe)	29,000 (with 800 mm shoe)	41,500 (with 800 mm shoe)	59,000 (with 600 mm shoe)	130,000 (with 750 mm shoe)	132,000 (with 750 mm shoe)
Bucket capacity range (m ³) CECE	0.10-0.30	0.15-0.45	0.30-0.60	0.45-1.10	0.70-1.20	1.00-1.60	1.20-2.00	1.4-2.30	3.2-9.3	6.0-10.8
ENGINE										
Make and model	ISUZU 4JB1	ISUZU 4BD1	ISUZU 4BD1-T	mitsubishi 6D31-T	mitsubishi 6D15-T	mitsubishi 6D22-T	mitsubishi 6D22-TC	mitsubishi 6D22C x 2	Caterpillar 3406TA x 2	Caterpillar 3406TA x 2
Displacement (cc)	2,711	3,856	3,865	4,948	6,919	11,149	11,149	11,149 x 2	14,600 x 2	14,800 x 2
Horsepower DIN NET (PS)	57	76	85	135	165	230	290	155 x 2	370 x 2	370 x 2
Rated RPM	2,200	2,300	2,150	2,150	2,150	1,900	2,000	1,600	1,800	1,800
Maximum torque (kg-m)	18	24	30	47	60	95	117	64 x 2	179 x 2	179 x 2
WORKING RANGES										
Arm length (m)	1.73	2.27	2.5	2.94	2.98	3.1	3.4	3.25	8.0	5.5
Bucket digging force (kg)	4,800	7,300	7,500	11,000	13,400	17,500	22,000	23,600	50,600	61,000
Arm crowding force (kg)	3,700	5,400	5,900	8,900	10,600	13,000	16,500	18,900	46,200	61,000
Ground level reach (mm)	6,280	7,560	8,120	9,680	10,130	10,920	11,800	13,210	14,180	3,650
Digging depth (mm)	4,200	5,080	5,570	6,670	7,000	7,300	7,800	8,500	8,400	4,730
Dumping height (mm)	5,290	5,490	6,060	6,760	6,830	7,040	7,450	7,600	8,120	9,520
Vertical wall digging depth (mm)	3,470	4,410	4,670	6,000	6,040	6,080	6,850	6,890	6,440	-
Max. digging depth at 8' flat floor (mm)	3,850	4,810	5,350	6,460	6,810	7,060	7,630	8,860	8,280	-
UNDERCARRIAGE										
Track overall length (mm)	2,770	3,320	3,490	4,070	4,360	4,460	5,020	5,200	6,530	6,530
Travel speed (km/h)	5.5/3.7	5.5/4.0/2.0	5.5/4.0/2.0	5.5/4.0/2.0	5.5/4.0/2.0	5.5/3.7/2.6	5.5/3.5/2.6	3.5/2.1	3.1/2.3	3.1/2.3
Drawbar pull (kg)	5,200	8,900	9,300	16,300	18,900	27,000	39,600	34,200	56,000	56,000
Gradeability (°)	35	35	35	35	35	35	35	32	30	30
Ground clearance (mm)	380	455	455	465	480	520	530	650	750	750
SWING STRUCTURE										
Swing speed (RPM)	13.0	12.7	12.7	13.0	12.0	9.8	9.1	6.3	4.5	4.5
Tail swing radius (mm)	1,700	2,130	2,150	2,700	2,850	3,350	3,600	3,960	5,390	5,390

KOBELCO EXCAVATORS

MARK V SERIES

		SK60	SK100	SK120 SK120LC	SK200 SK200LC	SK220 SK220LC
GENERAL	Operating weight with bucket (kg)	6,700	11,000	12,300/12,500	19,500/20,000	23,900/24,500
	Bucket capacity (m ³) SAE heaped	0.11-0.35	0.17-0.51	0.24-0.70	0.51-1.24	0.81-1.40
DIMENSIONS	Overall length (mm)	6,060	7,200	7,560	9,380	9,990
	Overall width (mm)	2,300	2,690	2,690/2,690	3,000/3,190	3,190/3,390
	Overall height (mm)	2,680	2,725	2,725	2,900	3,080
ENGINE	Make and model	ISUZU 4JB1	ISUZU 4BD1	ISUZU 4BD1-T	MITSUBISHI 6D31-T	MITSUBISHI 6D15-T
	Displacement (cc)	2,771	3,856	3,856	4,948	6,919
	Horsepower SAE NET(HP)	56	75	84	138	163
	Rated RPM	2,200	2,300	2,100	2,200	2,100
	Fuel tank capacity (liters)	130	250	250	315	315
WORKING RANGE	Std. arm length (m)	1.73	2.22	2.50	2.94	2.98
	Bucket digging force (kg)	4,800	7,700	8,000	12,800*	15,000*
	Arm crowding force (kg)	3,700	5,800	6,300	10,400*	11,900*
	Digging reach (mm)	6,390	7,700	8,270	9,900	10,310
	Ground level reach (mm)	6,260	7,560	8,140	9,750	10,140
	Digging depth (mm)	4,200	5,100	5,600	6,700	7,010
	Digging height (mm)	7,400	8,040	8,520	9,660	9,770
	Vertical wall digging depth (mm)	3,600	4,560	4,980	6,080	6,180
UNDERCARRIAGE	Track overall length (mm)	2,785	3,320	3,570/3,740	4,170/4,450	4,350/4,650
	Track overall width (mm)	2,300	2,690	2,690/2,690	3,000/3,190	3,190/3,390
	Std. shoe width (mm)	600	700	700	800	800
	Ground pressure (kg/cm ²)	0.23	0.28	0.29/0.27	0.33/0.32	0.39/0.37
	Travel speed (km/h)	5.5/3.5	7.0 to 1.0	7.0 to 1.0	7.0 to 1.0	7.0 to 1.0
	Drawbar pull (kg)	5,200	8,500	9,000	16,300	18,400
	Gradeability (°)	35	35	35	35	35
	Ground clearance (mm)	380	455	455	465	480/465
SWING STRUCTURE	Swing speed (RPM)	13.0/6.5	12.0/4.0	12.0/4.0	11.0/4.0	11.0/4.0
	Tail swing radius (mm)	1,700	2,050	2,100	2,700	2,850
	Min. front swing radius	1,625	2,340	2,390	3,460	3,900

*Power Boost Engaged