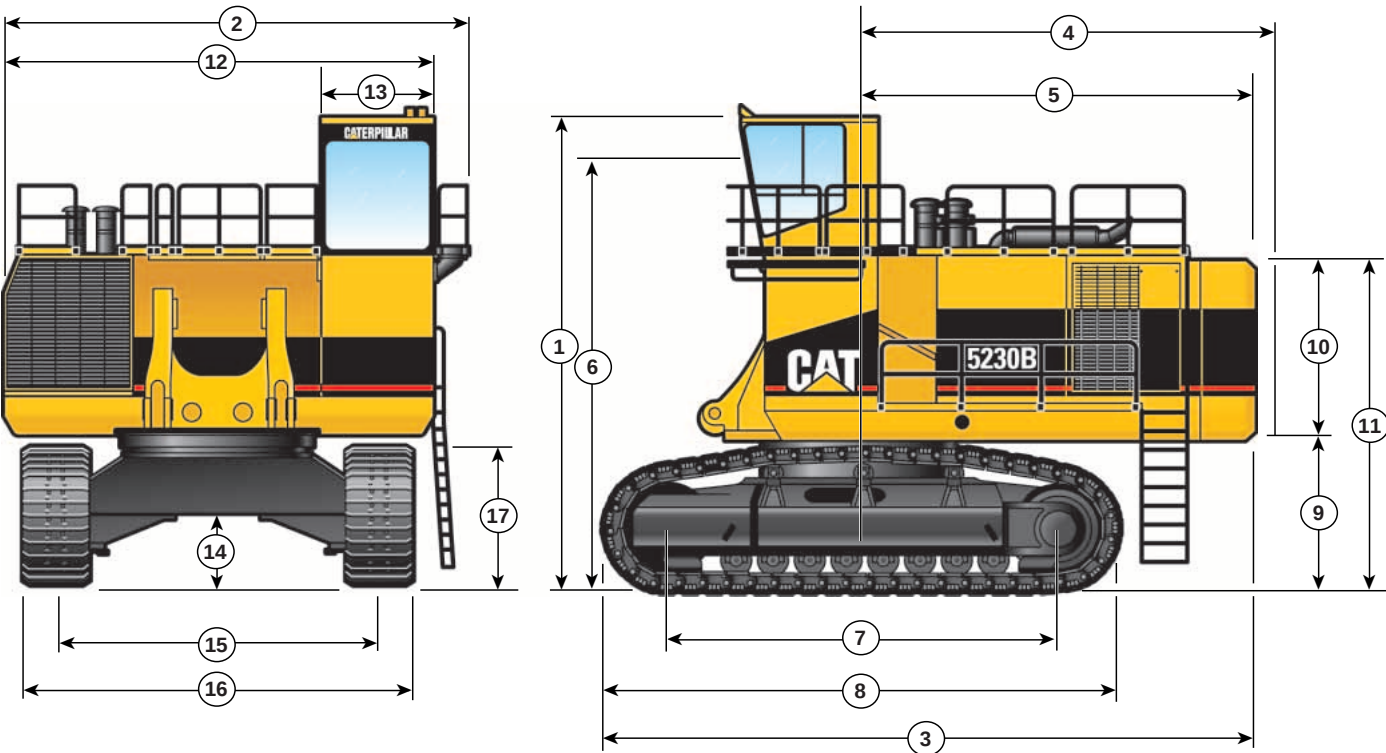


5230B Front Shovel/Mass Excavator

Dimensions

All dimensions are approximate.



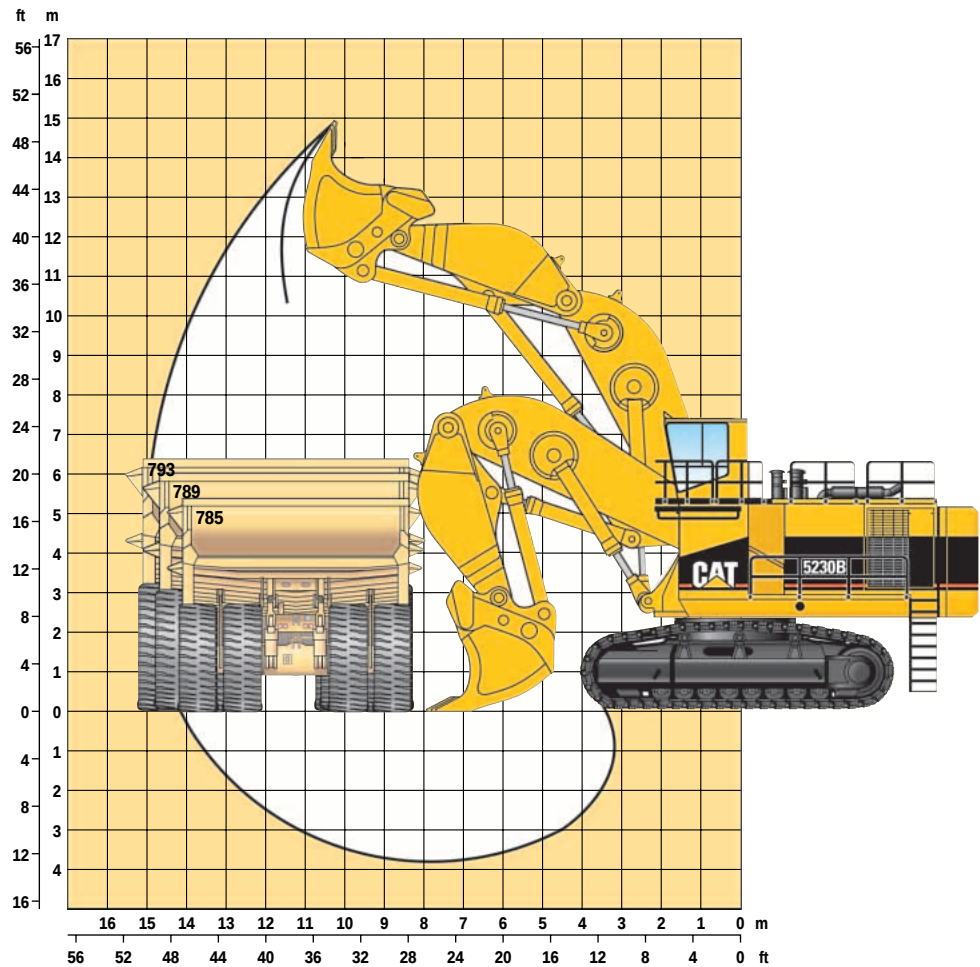
1	Overall Height	7455 mm	24.4 ft
2	Overall Width	7510 mm	24.6 ft
3	Overall Length	10 325 mm	33.8 ft
4	Tail Swing Radius	6450 mm	21.2 ft
5	Pivot to Counterweight	6280 mm	20.6 ft
6	Operator Sight Line Height	6750 mm	22.1 ft
7	Track Length on Ground	6260 mm	20.5 ft
8	Track Length	8174 mm	26.8 ft
9	Counterweight Clearance	2616 mm	8.5 ft

10	Counterweight Height	2850 mm	9.3 ft
11	Height to Top of Counterweight	5465 mm	18 ft
12	Upper Structure Width	6960 mm	22.9 ft
13	Cab Width	1790 mm	5.8 ft
14	Ground Clearance	1108 mm	3.7 ft
15	Track Gauge Width	5196 mm	17 ft
16	Width to Outside of Tracks	6296 mm	20.7 ft
17	Height to Top of Tracks	2425 mm	8 ft

5230B Front Shovel/Mass Excavator

Front Shovel Working Ranges

Front Shovel (F.S.) configuration

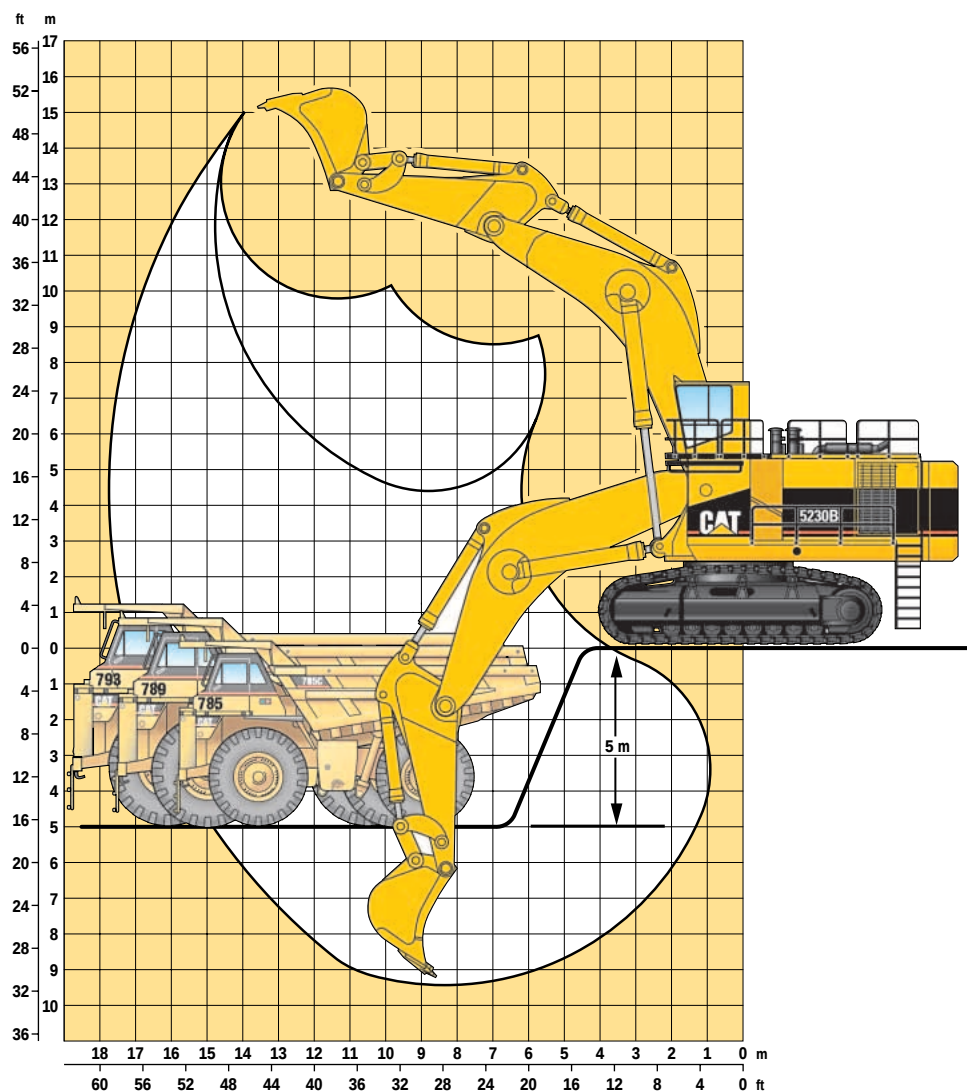


Stick Length	4.7 m (15.4 ft)
Boom Length	6.9 m (22.6 ft)
Bucket Capacity	17.0 m ³ (22.2 yd ³)
Maximum Reach	14.9 m (48.8 ft)
Maximum Reach at Ground Level	14.1 m (46.2 ft)
Maximum Level Crowd Distance	5.5 m (18.0 ft)
Maximum Digging Depth	3.8 m (12.4 ft)
Maximum Digging Height	15.2 m (50.0 ft)
Maximum Loading Height	10.4 m (34.1 ft)
Bucket Breakout Force (SAE)	1162 kN (261,145 lb)
Stick Breakout Force (SAE)	1145 kN (257,324 lb)
Bucket Breakout Force (ISO)	1341 kN (301,394 lb)
Stick Breakout Force (ISO)	1160 kN (260,753 lb)

5230B Front Shovel/Mass Excavator

Mass Excavator Working Ranges

Mass Excavator (M.E.) configuration

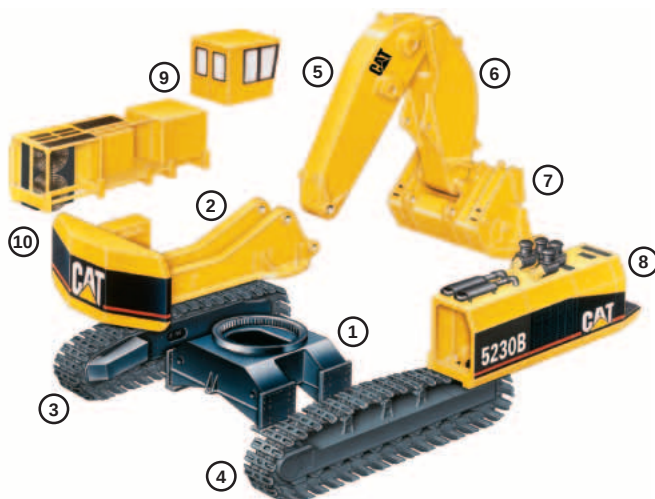


Stick Length	4.5 m (14.8 ft)
Boom Length	9.5 m (31.2 ft)
Bucket Capacity	16.0 m ³ (21.0 yd ³)
Maximum Reach	17.8 m (58.4 ft)
Maximum Reach at Ground Level	17.2 m (56.4 ft)
Maximum Digging Depth	9.5 m (31.3 ft)
Maximum Digging Height	15.1 m (49.5 ft)
Maximum Dump Height	9.8 m (32.0 ft)
Bucket Breakout Force (SAE)	855 kN (192,083 lb)
Stick Breakout Force (SAE)	885 kN (198,848 lb)
Bucket Breakout Force (ISO)	977 kN (219,568 lb)
Stick Breakout Force (ISO)	918 kN (206,239 lb)

5230B Front Shovel/Mass Excavator

Shipping Module Dimensions and Weights

(All dimensions and weights are approximate.)



Modules		Model	Length		Width		Height		Weight	
			mm	in	mm	in	mm	in	kg	lb
1	Carbody	FS/ME	4470	176	4064	160	2131	84	27 655	60,970
2	Swing Frame	FS/ME	8890	350	3327	131	3487	137	42 405	93,484
3/4	Track Roller (each)									
	1100 mm/43 in	FS/ME	8026	316	1829	72	2362	93	45 400	100,100
	1300 mm/51 in	FS/ME	8026	316	1829	72	2362	93	46 567	102,660
	1500 mm/59 in	FS/ME	8026	316	1829	72	2362	93	48 092	106,020
5	Boom	FS	7620	300	2210	87	2515	99	22 013	48,530
	Boom	ME	10 033	395	3962	156	2489	98	27 588	60,820
6	Stick	FS	5258	207	1880	74	2210	87	11 571	25,510
	Parts Box	FS	2235	88	1092	43	1194	47	2830	6240
	Parts Box	FS	2235	88	1092	43	991	39	2500	5520
	Pin Box	FS	2311	91	432	17	508	20	850	1880
	Stick	ME	6248	246	1346	53	2565	101	11 032	24,320
	Handrail Skid	ME	3988	157	2286	90	1118	44	1350	2980
	Guard Skid	ME	2083	82	1702	67	838	33	940	2080
	Bracket Skid	ME	1778	70	1676	66	889	35	2590	5720
7	Bucket	FS	4521	178	3454	136	3785	149	30 930	68,190
	Bucket	ME	4013	158	3251	128	3099	122	16 164	35,635
8	Right Hand Module	FS/ME	7772	306	2489	98	3581	141	21 156	46,640
9	Left Hand Module	FS/ME	7239	285	2489	98	3226	127	13 426	29,600
	Cab	FS/ME	2337	92	2007	79	2997	118	2380	5240
	Guard Box	FS	2083	82	702	67	838	33	970	2140
	Parts Box	ME	2235	88	1092	43	991	39	2380	5250
10	Counterweight	FS/ME	7315	288	1219	48	3048	120	41 386	91,240
11	Misc. Parts	FS								
	Handrail Skid	FS	3988	157	2286	90	1118	44	1350	2980
	Cyl. Skid (Boom) (2)	FS	4166	164	914	36	686	27	2540	5610
	Cyl. Skid (Stick) (2)	FS	4166	164	914	36	686	27	2540	5610
	Cylinder Skid (2)	FS	4166	164	610	24	762	30	3430	7560
	Misc. Parts	ME								
	Cyl. Skid (Boom) (2)	ME	4166	164	914	36	737	29	3290	7260
	Cyl. Skid (Stick) (2)	ME	4166	164	914	36	737	29	4350	9580
	Cylinder Skid (2)	ME	4877	192	610	24	813	32	3130	6900
	Parts Box	ME	2235	88	1092	43	991	39	2170	4780
	Parts Box	ME	2235	88	1092	43	991	39	2220	4900