

SHOP MANUAL

KOMATSU

PC160-6k

PC180LC, 180NLC-6k

MACHINE MODEL

PC160-6k

PC180LC, 180NLC-6k

SERIAL NUMBER

PDF



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- This shop manual may contain attachments and optional equipment that are not available in your area. Please consult your local Komatsu distributor for those items you may require. Materials and specifications are subject to change without notice
- PC160-6k mount the SA4D102E engine;
PC180LC-6k, PC180NLC-6k mount the SA4D102E engine.
For details of the engine, see the 102 Service Engine Shop Manual.

01 GENERAL

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SPECIFICATIONS

Machine model			PC180LC-6K	PC160-6K	
Serial Number			and up	and up	
Bucket capacity (SAE) (m ³)			0.67	0.58	
Operating weight (kg)			17900 (with 2.25 m ARM)	16300 (with 2.25 m ARM)	
Performance	Working range	Max. digging depth (mm)	5610	5645	
		Max. digging depth of cut for 8 level (mm)	5375	5415	
		Max. digging reach (mm)	8675	8675	
		Max. reach at ground level (mm)	8510	8515	
		Max. digging height (mm)	8840	8800	
		Max. dumping height (mm)	6230	6190	
	Max. digging force (using power max. function) (kN(kg))		115 (11700)	115 (11700)	
	Swing speed (rpm)		12	12	
	Swing max. slope angle (deg.)		20	20	
	Travel speed (km/h)		Lo: 2.7 Mi: 4 Hi: 5,5	Lo: 2.7 Mi: 4 Hi: 5.5	
	Gradeability (deg.)		35	35	
	Ground pressure [standard triple grouser shoe width] (MPa(kg/cm ²))		0.041 (0.42) [600 mm]	0.051 (0.52) [500 mm]	
	Dimensions	Overall length (for transport) (mm)		8560	8565
		Overall width (mm)		2780	2490
Overall width of track (mm)		2780	2490		
Overall height (for transport) (mm)		2960	2945		
Overall height to top of cab (mm)		2930	2890		
Ground clearance of counterweight (mm)		1030	990		
Min. ground clearance (mm)		440	440		
Tail swing radius (mm)		2435	2435		
Min. swing radius of work equipment (mm)		3060	3060		
Height of work equipment at min. swing radius (mm)		7140	7100		
Length of track on ground (mm)		3260	2880		
Track gauge (mm)		2180	1990		
Height of machine cab (mm)		2010	1970		



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