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# KOMATSU



## PC120-6

**AVANCE SERIES HYDRAULIC EXCAVATORS**

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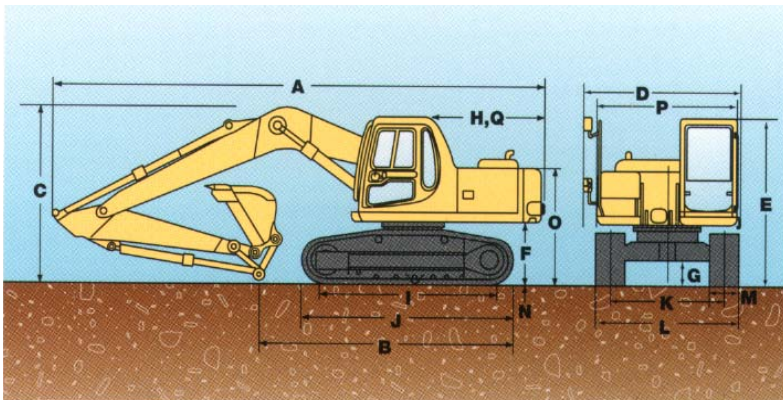
# KOMATSU PC120-6

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## Hydraulic Excavator Avance Series

### OPERATING WEIGHTS (APPROXIMATE)

Net horsepower            **87 HP**    64kW  
Operating weight            **26,530 lb** 12030 kg

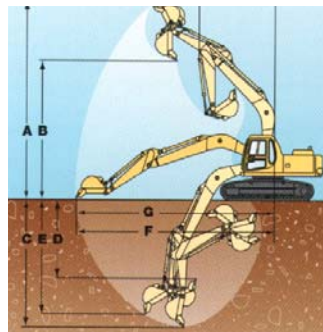


### DIMENSIONS

A	Overall length	24'11"
B	Length on ground (transport)	13'11"
C	Overall height (to top of boom)	8'11"
D	Overall width 20" shoes	8'1"
	24" shoes	8'6"
E	Overall height (to top of cab)	8'11"
F	Ground clearance, counterweight	2'10"
G	Minimum ground clearance	1'4"
H	Tail swing radius	7'0"
I	Length of track on ground	9'0"
J	Track length	11'5"
K	Track gauge	6'5"
L	Width of crawler	8'1"
M	Shoe width	20"
N	Grouser height	1"
O	Machine cab height	5'11"
P	Machine cab width	8'11"
Q	Distance, swing center to rear end	6'11"

### BACKHOE RANGE & BUCKET/ARM COMBINATION

		8'2" arm
A.	Maximum digging height	28'3"
B.	Maximum dumping height	20'3"
C.	Maximum digging depth	18'1"
D.	Maximum vertical wall digging depth	16'2"
E.	Maximum digging depth of cut for 8' level	17'5"
F.	Maximum digging reach	27'2"
G.	Maximum digging reach at ground	26'10"
H.	Minimum swing radius	7'8"
Bucket digging force (AT POWER MAX)		18,740 lb
Arm crowd force*		13,890 lb



### LIFTING CAPACITY

Equipment:

- Boom: 15'1" 4600 mm
- Bucket: .62 yd<sup>3</sup> 0.47 m<sup>3</sup>
- Shoes: 29.5" 750 mm
- Working mode: Lifting

A: Reach from swing center  
B: Bucket hook height  
C: Lifting capacity  
Cf: Rating over front  
Cs: Rating over side  
MAX: Rating at maximum reach



\*Load is limited by hydraulic capacity rather than tipping. Ratings are based on SAE Standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

### PC120-6 Arm: 8'2" 2500 mm

Unit: lb kg

B \ A	5' 1.5 m		10' 3.0 m		15' 4.5 m		20' 6.0 m		MAX	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
20' 6.0 m									*3900 1750	*3900 1750
15' 4.5 m					*6800 *3100	*9600 *3100	*5800 2600	4100 1930	*3600 *1650	3500 1600
10' 3.0 m			*11100 *5050	11100 5050	*8500 *3850	6500 2950	5600 2550	4000 1800	*3700 *1700	2900 1350
5' 1.5 m			*16900 *7650	11200 5100	8600 3900	6000 2700	5400 2450	3800 1700	3900 1750	2700 1200
0' 0.0 m			16300 7400	10300 4700	8100 3700	5500 2500	5200 2350	3600 1600	3900 1800	2700 1200
-5' -1.5 m	*11300 *5150	*11300 *5150	16100 7300	10100 4600	7900 3600	5300 2400	5000 2300	3500 1550	4400 2000	3000 1350
-10' -3.0 m	*18000 *8150	*18000 *8150	*16200 7350	10300 4650	7900 3600	5400 2450			5500 2500	3800 1700
-15' -4.6 m			*11400 *5150	10700 4850					*8000 *3650	6700 3000