



PC900LC-11

Hydraulic excavator



Engine power

543 HP (405 kW)

Operating weight

204,148 lbs. (92,600 kg)

Bucket capacity

3.7-8.0 yd³ (2.8-6.1 m³)

Built for tough jobs

The PC900LC-11 large-class excavator is engineered to be a true performer for challenging construction projects. This workhorse combines exceptional power with digging capabilities and more. It is an easy-to-transport, versatile machine for a range of applications — heavy construction, demolition, material handling, deep sewer/water, large mass excavation and mining/quarry.

Exceptional power, performance and mobility

Compared to the previous model*, the PC900LC-11 can be up to 48% more productive and up to 40% more efficient due to these features and improvements:

- Komatsu 15.24-liter SAA6D140E-7 diesel engine with 543 HP/405 kW
 - EPA Tier 4 final emissions certified
 - 10% more horsepower than the previous model*
 - Uses both SCR and KDPF technologies to meet EPA Tier 4 Final emission requirements
- 11% increase in swing torque*
- 27% increase in arm digging force (ISO) and 22% increase in bucket digging force (ISO)*
- Large capacity bucket: up to 6.1m³ (8.1 cu yd) **
- Counterweight removal system to simplify transportability

Quality, reliability and support you can count on

The PC900LC-11 is an excavator you can depend on year after year with features like:

- Larger and stronger major structures, booms and arms*
- Redesigned revolving frame engineered to increase longevity
- Komatsu-quality components
- Service pass-through area for easy access to filters, oil level checks and sample ports
- Extensive dealer support network

An operator cab and technology that promotes performance

The operator environment is large and comfortable, with an adjustable suspension seat and a low-noise design. Other features include:

- KomVision birds-eye view system with widescreen monitor
- Neutral position detection system
- Dual walkways (both sides) with three-point, right-hand side access
- LED lighting standard
- Available options — Smart Construction 3D guidance and payload monitoring

Stay in the know with Komtrax

The Komatsu wireless monitoring system lets you monitor all the essential machine information you can access on your computer, smartphone or tablet:

- 4G mobile communications
- Integrated communication antenna
- Insightful operational data and reports
- Data that empowers proactive and preventive maintenance



* versus PC800/LC-8 ** based on a 90% fill factor

Specifications

Engine

Model	Komatsu SAA6D140E-7	
Type	Common rail direct injection, watercooled, emissionised, turbocharged, after-cooled diesel	
Engine power		
ISO 14396	405 kW	543 HP
ISO 9249 (net engine power)	401 kW	538 HP
Number of cylinders	6	
Displacement	15.24 L	930 in ³

Environment

Engine emissions	Tier IV-Final - fully complies with EU Stage V exhaust emission regulations	
Noise levels		
LwA external	109 dB(A) (2000/14/EC Stage II)	
LpA operator ear	75 dB(A) (ISO 6396 dynamic test)	

Drives and brakes

Max. drawbar pull	556 kN	124,994 lbf
Travel speed	2.7/4.0 km/h	1.7/2.5 mph

Hydraulic system

Additional circuits	1 attachment line (option)	
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Swing system

Swing speed	6.8 rpm	
Swing torque	32,800 kgM	237,243 lbf-ft

Machine dimensions

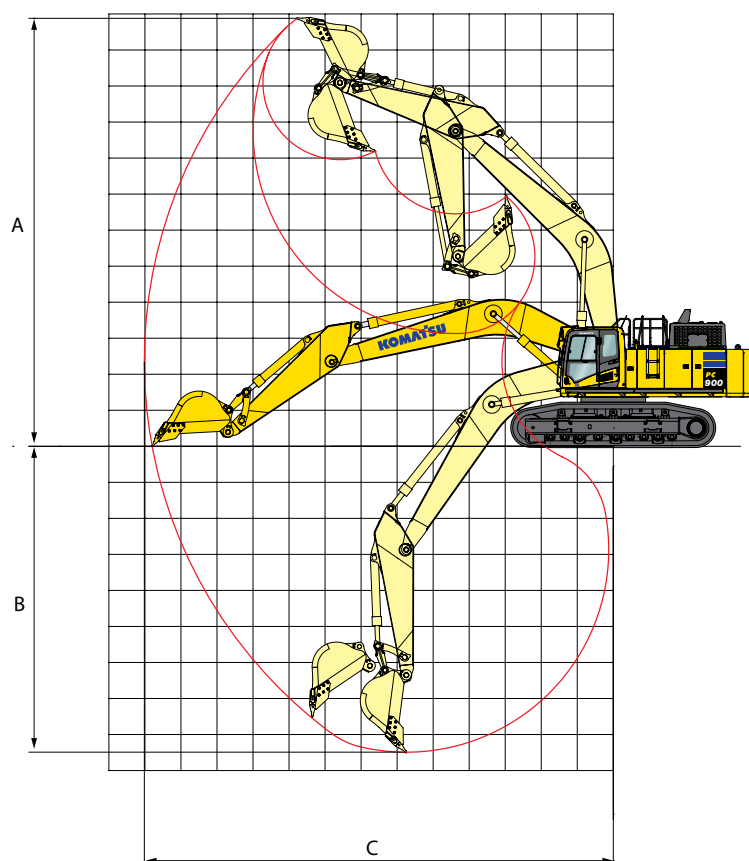
Tail swing radius	4,690 mm	15'5"
Track length on ground	5,020 mm	16'6"
Track gauge	3,530 mm	11'7"

Bucket & arm force (ISO)

Arm / boom length	3.7 m/8.4 m	12'1"/27'6"
Arm breakout force	341 kN	76,660 lbf
Bucket breakout force	403 kN	90,598 lbf

Working range

Arm length	3.7 m	12'1"
Boom length	8.4 m	27'6"
A Maximum digging height	13,455 mm	44'2"
B Maximum digging depth	8,995 mm	29'6"
C Maximum digging reach	14,195 mm	46'7"



Lift charts

Maximum rated load in pounds (and in kg) with standard undercarriage 27.6 ft. (8.4 m) boom, 12.1 ft. (3.7 m) stick, no bucket, and 35.4 in (900 mm) shoe.
Consult your Komatsu dealer for load rating change if equipped differently

Over idler

Radius of load from swing centerline.

Unit: lbs./kg

Height bucket pin	MAX	30' 9.1 m	25' 7.6 m	20' 6.1 m	15' 4.6 m	10' 3.0 m
20' 6.1 m	* 26,800 12,150	* 44,500 20,150	* 51,100 23,200	* 62,400 28,300		
10' 3 m	* 28,500 12,950	* 49,900 22,600	* 60,600 27,500	* 79,200 35,900		
Ground line	* 33,100 15,050	* 52,000 23,600	* 63,700 28,900	* 80,600 36,550		
-10' -3.0 m	* 37,600 17,050	* 46,800 21,250	* 57,300 26,000	* 70,000 31,750	* 84,500 38,300	* 62,700 28,450
-20' -6.1 m	* 31,100 14,100		* 34,300 15,550	* 44,300 20,100		

Over side

Radius of load from swing centerline.

Unit: lbs./kg

Height bucket pin	MAX	30' 9.1 m	25' 7.6 m	20' 6.1 m	15' 4.6 m	10' 3.0 m
20' 6.1 m	* 26,800 12,150	44,000 19,950	* 51,100 23,200	* 62,400 28,300		
10' 3 m	26,600 12,050	40,400 18,350	52,400 23,750	71,700 32,500		
Ground line	26,900 12,200	38,000 17,200	48,900 22,200	67,600 30,650		
-10' -3.0 m	31,400 14,250	37,600 17,050	48,500 22,000	67,900 30,800	* 84,500 38,300	* 62,700 28,450
-20' -6.1 m	* 31,100 14,100		* 34,300 15,550	* 44,300 20,100		

Maximum rated load in pounds (and in kg) with standard undercarriage 27.6 ft. (8.4 m) boom, 14.4 ft. (4.4 m) stick, no bucket, and 35.4 in (900 mm) shoe.
Consult your Komatsu dealer for load rating changes if equipped differently.

Over idler

Radius of load from swing centerline.

Unit: lbs./kg

Height bucket pin	MAX	30' 9.1 m	25' 7.6 m	20' 6.1 m	15' 4.6 m	10' 3.0 m
20' 6.1 m	* 21,600 9,800	* 42,200 19,150	* 48,000 21,750			
10' 3 m	* 22,900 10,350	* 48,300 21,900	* 58,400 26,500	* 75,900 34,400		
Ground line	* 26,300 11,900	* 51,800 23,500	* 63,500 28,800	* 81,500 36,950		
-10' -3.0 m	* 34,100 15,450	* 48,700 22,100	* 59,500 27,000	* 73,900 33,500	* 79,300 35,950	* 55,900 25,350
-20' -6.1 m	* 32,200 14,600		* 42,300 19,200	* 52,600 23,850	* 63,400 28,750	

Over side

Radius of load from swing centerline.

Unit: lbs./kg

Height bucket pin	MAX	30' 9.1 m	25' 7.6 m	20' 6.1 m	15' 4.6 m	10' 3.0 m
20' 6.1 m	* 21,600 9,800	* 42,200 19,150	* 48,000 21,750			
10' 3 m	* 22,900 10,350	41,000 18,600	53,400 24,250	73,700 33,450		
Ground line	24,700 11,200	38,100 17,300	49,200 22,350	68,000 30,800		
-10' -3.0 m	28,300 12,850	37,200 16,900	48,200 21,850	67,300 30,550	* 79,300 35,950	* 55,900 25,350
-20' -6.1 m	* 32,200 14,600		* 42,300 19,200	* 52,600 23,850	* 63,400 28,750	

Loads do not exceed 87% of hydraulic capacity or 75% of tipping capacity.

*Load limited by hydraulic capacity rather than tipping.

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