

KOMATSU

PC360LCi-11 PC360NLCi-11

EU Stage V Engine

intelligent / 2.0
MACHINE CONTROL

HYDRAULIC EXCAVATOR



PC360i

ENGINE POWER

202 kW / 271 HP @ 1.950 rpm

OPERATING WEIGHT

PC360LCi-11: 35.900 - 36.850 kg
PC360NLCi-11: 35.770 - 36.530 kg

BUCKET CAPACITY

max. 2,66 m³

Walk-Around

All the proven benefits of PC360-11 plus intelligent Machine Control 2.0 with new features!

Powerful and Environmentally Friendly

- NEW** • EU Stage V engine
- NEW** • Komatsu Integrated Attachment Control (KIAC)
- NEW** • Maximum productivity with intelligent Machine Control accuracy
- Adjustable idle shutdown
- Komatsu fuel-saving technology

First-Class Comfort

- Fully air-suspended operator station
- Low-noise design
- Widescreen monitor



PC360LC1/NLC1-11

Intelligent Machine Control

- NEW** • More compact, touchscreen monitor
- NEW** • Bucket angle hold feature
- NEW** • Auto Tilt Control for tilt bucket
- NEW** • IMU sensor for tilt bucket integration
- Fully field proven automated digging control
- Fully factory integrated solution
- Fully supported by Komatsu

Safety First

- Komatsu SpaceCab™
- KomVision surround view system
- Improved monitoring system
- Neutral position detection system

Quality You Can Rely On

- Komatsu-quality components
- Extensive dealer support network
- Reliable and efficient
- Rugged design

KOMTRAX

- Komatsu Wireless Monitoring System
- 4G mobile communications
- Integrated communication antenna
- Increased operational data and fuel savings
- Machine control working data



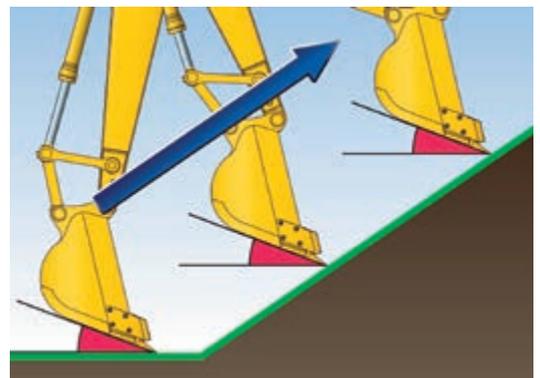
New Auto Tilt Control

Automatically tilts bucket to design and returns it to horizontal to unload. Makes delivering final grade quicker and easier.



New 10,4" iMC monitor

Slimmer, lighter and more compact, with increased memory capacity and processing speed. Positioning, mounting and dismantling are easier than ever.



New bucket angle hold feature

Operator selects desired bucket angle and the system maintains bucket angle through grading pass. Vastly increases ease of operation on final grading and trimming work.



Complimentary maintenance program for customers

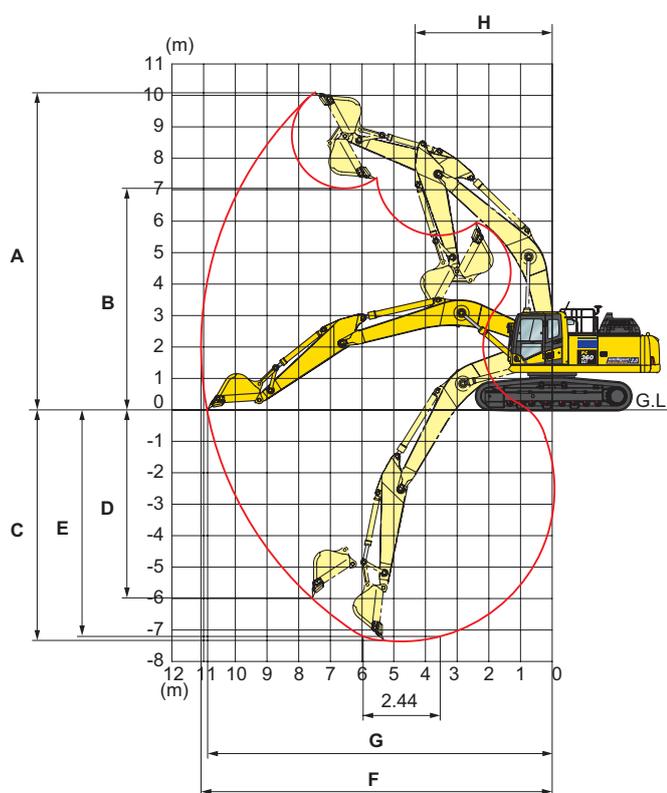
ENGINE

Model	Komatsu SAA6D114E-6
Type	Common rail direct injection, water-cooled, emissionised, turbocharged, after-cooled diesel
Engine power	
at rated engine speed	1.950 rpm
ISO 14396	202 kW/271 HP
ISO 9249 (net engine power)	192 kW/257 HP
No. of cylinders	6
Bore × stroke	114 × 144,5 mm
Displacement	8,85 l

HYDRAULIC SYSTEM

Type	HydraMind. Closed-centre system with load sensing and pressure compensation valves
Main pump	2 variable displacement piston pumps supplying boom, arm, bucket, swing and travel circuits
Maximum pump flow	2 × 267,5 l/min
Relief valve settings	
Implement	380 kg/cm ²
Travel	380 kg/cm ²
Swing	295 kg/cm ²
Pilot circuit	33 kg/cm ²

WORKING RANGE



UNDERCARRIAGE

Construction	X-frame centre section with box section track frames
Track assembly	
Type	Fully sealed
Shoes (each side)	48
Tension	Combined spring and hydraulic unit
Rollers	
Track rollers (each side)	8
Carrier rollers (each side)	2

ENVIRONMENT

Engine emissions	Fully complies with EU Stage V exhaust emission regulations
Noise levels	
LwA external	104 dB(A) (2000/14/EC Stage II)
LpA operator ear	71 dB(A) (ISO 6396 dynamic test)
Vibration levels (EN 12096:1997)*	
Hand/arm	≤ 2,5 m/s ² (uncertainty K = 0,37 m/s ²)
Body	≤ 0,5 m/s ² (uncertainty K = 0,17 m/s ²)

* For the purpose of risk assessment under directive 2002/44/EC, please refer to ISO/TR 25398:2006.

ARM LENGTH

3,2 m

A	Max. digging height	10.210 mm
B	Max. dumping height	7.110 mm
C	Max. digging depth	7.280 mm
D	Max. vertical wall digging depth	6.480 mm
E	Max. digging depth of cut for 2,44 m level	7.180 mm
F	Max. digging reach	11.100 mm
G	Max. digging reach at ground level	10.920 mm
H	Min. swing radius	4.310 mm