KOMATSU

PC290LC-11
PC290NLC-11

EU Stage IV Engine

PC290

HYDRAULIC EXCAVATOR

ENGINE POWER
159 kW / 213 HP @ 2.050 rpm

OPERATING WEIGHT
PC290LC-11: 29.950 - 30.950 kg
PC290NLC-11: 29.850 - 30.850 kg

BUCKET CAPACITY
max. 2,02 m³

Walk-Around

INCREASED FUEL EFFICIENCY AND ENVIRONMENTAL PERFORMANCE

Powerful and environmentally friendly

- Low consumption EU Stage IV engine
- Fuel-saving engine and hydraulic technology
- Adjustable Eco-gauge and auto idle stop
- Reduced wastage

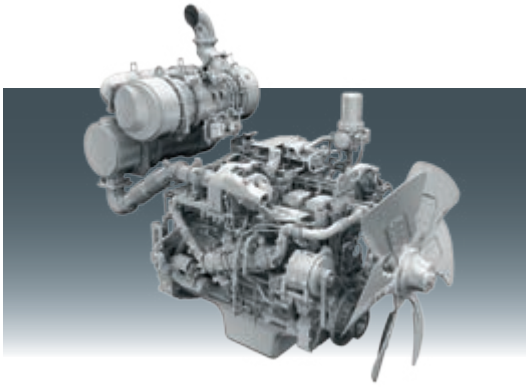
First-class operator comfort

- Fully air suspended operator station
- Low noise design
- Low vibration levels
- Improved widescreen hi-res display monitor
- Improved operator convenience

images may display optional equipment or specifications not available in your area.

Total versatility

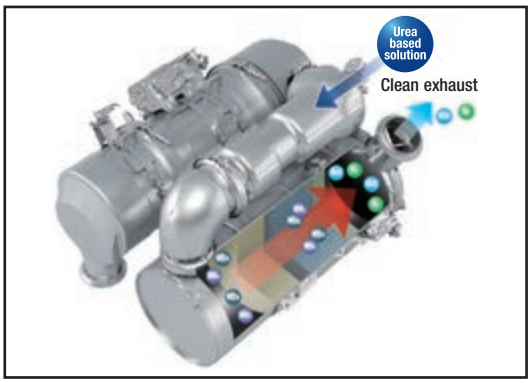
- Ideal for a wide range of applications
- 6 working modes
- Wide choice of options
- Built-in versatility
- Ultimate operator control



New, low consumption Komatsu SAA6D107E-3 engine

Highest safety standards

- Safe SpaceCab™
  ROPS compliant with ISO 12117-2:2008
- Improved rear view camera system
  with optional side view camera
- Optimal jobsite safety
- Safe access, easy maintenance
- Falling Object Protection System (FOPS) optional
- Hydraulic auto lock function



New heavy-duty after treatment system combines the Komatsu Diesel Particulate Filter (KDPF) and Selective Catalytic Reduction (SCR) to fully comply with EU Stage IV emissions.

Quality you can rely on

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

Fully air suspended operator station ensures maximum operator comfort.

KOMTRAX™

- Komatsu Wireless Monitoring System

Improved monitoring system with rear view camera image on the default screen. Eco gauge, eco guidance and fuel consumption gauge help to further reduce consumption.

KOMATSU CARE™ Complimentary maintenance program for customers

ENGINE

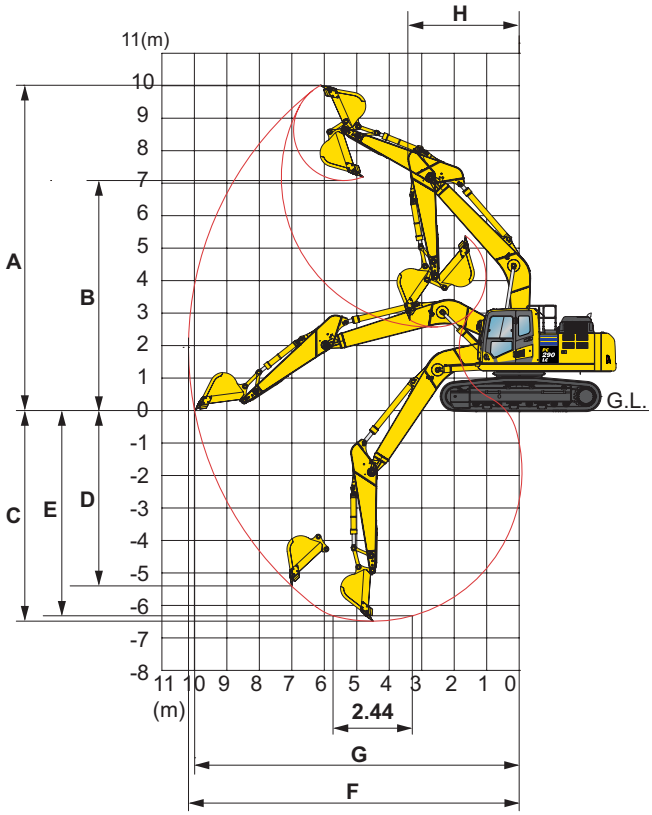
Model ..... Komatsu SAA6D107E-3
Type ..... Common rail direct injection, water-cooled, emissionised, turbocharged, after-cooled diesel
Engine power
- at rated engine speed ..... 2.050 rpm
- ISO 14396 ..... 159 kW/213 HP
- ISO 9249 (net engine power) ..... 147 kW/196 HP

No. of cylinders 6
Bore × stroke ..... 107 × 124 mm
Displacement ..... 6,69 ltr

HYDRAULIC SYSTEM

Type ..... HydrauMind. Closed-centre system with load sensing and pressure compensation valves
Additional circuits ..... 2 additional circuits with proportional control can be installed
Main pump ..... 2 variable displacement piston pumps supplying boom, arm, bucket, swing and travel circuits
Maximum pump flow ..... 2 × 239,5 ltr/min
Relief valve settings
- Implement ..... 380 kg/cm²
- Travel ..... 380 kg/cm²
- Swing ..... 295 kg/cm²
- Pilot circuit ..... 33 kg/cm²

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 IV exhaust emission regulations
Noise levels
- LwA external ..... 104 dB(A) (2000/14/EC Stage II)
- LpA operator ear ..... 70 dB(A) (ISO 6396 dynamic test)

Vibration levels (EN 12096:1997)*
- Hand/arm ..... ≤ 2,5 m/s² (uncertainty K = 0,37 m/s²)
- Body ..... ≤ 0,5 m/s² (uncertainty K = 0,17 m/s²)

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

ARM LENGTH		2,0 m	2,65 m	3,2 m	3,5 m
A	Max. digging height	9.780 mm	9.985 mm	10.345 mm	10.355 mm
B	Max. dumping height	6.830 mm	7.040 mm	7.370 mm	7.435 mm
C	Max. digging depth	5.720 mm	6.360 mm	6.915 mm	7.220 mm
D	Max. vertical wall digging depth	3.910 mm	5.365 mm	6.135 mm	5.110 mm
E	Max. digging depth of cut for 2,44 m level	5.500 mm	6.175 mm	6.755 mm	7.070 mm
F	Max. digging reach	9.570 mm	10.095 mm	10.635 mm	10.890 mm
G	Max. digging reach at ground level	9.370 mm	9.905 mm	10.455 mm	10.715 mm
H	Min. swing radius	3.620 mm	3.740 mm	3.680 mm	3.740 mm

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Komatsu Europe International N.V. · Mechelsesteenweg 586 · B-1800 VILVOORDE (BELGIUM)
Tel: +32-2-255 24 11 · Fax: +32-2-252 19 81 · www.komatsu.eu