

KOMATSU

PC138US-11

PRELIMINARY



Hydraulic excavator

Engine power
72.6 kW / 97.3 HP @ 2050 rpm

Operating weight
13900-14900 kg

Bucket capacity
max. 0.72 m³

PC138US-11



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

Engine power
72.6 kW / 97.3 HP @ 2050 rpm

Operating weight
13900 - 14900 kg

Bucket capacity
max. 0.72 m³

High versatility, low fuel-consumption and safe performance in tight spaces

Powerful and environmentally friendly

- NEW** • EU Stage V engine
- NEW** • Komatsu diesel particulate filter (DPF)
 - Adjustable idle shutdown
 - Komatsu fuel-saving technology

Total versatility

- Ideal for a wide range of applications
- Short tail swing and exceptional stability
- 6 working modes
- Wide choice of options

First-class comfort

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

Safety first

- Komatsu SpaceCab™
- KomVision surround view system
- NEW** • KomVision 4th option
- Neutral position detection system

Komtrax

- Komatsu Wireless Monitoring System
- 4G mobile communications
- Integrated communication antenna
- Increased operational data and reports



A maintenance program
for Komatsu customers

Engine

Model	Komatsu SAA4D95
Type	Common rail direct injection, water-cooled, emissionised, turbocharged, after-cooled diesel
Engine power	
at rated engine speed	2050 rpm
ISO 14396	72.6 kW / 97.3 HP
ISO 9249 (net engine power)	72.5 kW/97.2 HP
No. of cylinders	4
Bore × stroke	95 × 115 mm
Displacement	3260 cm ³

Undercarriage

Construction	X-frame centre section with box section track frames
Track assembly	
Type	Fully sealed
Shoes (each side)	43
Rollers	
Track rollers (each side)	7
Carrier rollers (each side)	1

Working range (mono boom)

Arm length	2500 mm	3000 mm
A Max. digging height	9340 mm	9700 mm
B Max. dumping height	6840 mm	7350 mm
C Max. digging depth	5480 mm	5900 mm
D Max. vertical wall digging depth	4900 mm	5340 mm
E Max. digging depth of cut for 2440 mm level	5265 mm	5715 mm
F Max. digging reach	8300 mm	8720 mm
G Max. digging reach at ground level	8180 mm	8600 mm
H Min. swing radius	1980 mm	2265 mm
I Max. height at min. swing radius	6770 mm	6770 mm

Machine dimensions

Arm length	2500 mm	3000 mm
A Overall length	7260 mm	7160 mm
B Overall height (To top of boom)*	2950 mm	3210 mm
C Length on ground (Transport)	4400 mm	4290 mm
D Overall width	2490 mm	
E Overall height (To top of cab)*	3150 mm	
F Ground clearance, counterweight	900 mm	
G Minimum ground clearance	395 mm	
H Tail swing radius	1480 mm	
I Length of track on ground	2880 mm	
J Track length	3610 mm	
K Track gauge	1990 mm	
L Width of crawler	2490 mm	
M Shoe width	500 mm	
N Grouser height	20 mm	
O Machine tail height	2140 mm	
P Overall width of upper structure	2490 mm	
Q Distance, swing center to rear end	1480 mm	

* Including grouser height

Hydraulic system

Type	HydrauMind. Closed-centre system with load sensing and pressure compensation valves
Main pump	Boom, arm, bucket, boom swing, swing, travelling, outriggers, blade and attachments
Maximum pump flow	165 l/min
Relief valve settings	
Swing	210 kg/cm ²
Travel and work equipment	270 kg/cm ²

Environment

Engine emissions	Fully complies with EU Stage V exhaust emission regulations
Noise levels	
LwA external	99 dB(A) (2000/14/EC Stage II)
LpA operator ear	72 dB(A) (ISO 6396 dynamic test)
Vibration levels (EN 12096:1997)	
Hand/arm	≤ 2.5 m/s ² (uncertainty K = 0.63 m/s ²)
Body	≤ 0.5 m/s ² (uncertainty K = 0.25 m/s ²)
Contains fluorinated greenhouse gas HFC-134a (GWP 1430). Quantity of gas 0.8 kg; CO ₂ equivalent 1.14 t	

