KOMATSU

PC138US-11



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



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
- · 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
Туре	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	
Туре	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
Α	Max. digging height	9340 mm	9700 mm
В	Max. dumping height	6840 mm	7350 mm
С	Max. digging depth	5480 mm	5900 mm
D	Max. vertical wall digging depth	4900 mm	5340 mm
Е	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
Н	Min. swing radius	1980 mm	2265 mm
Т	Max. height at min. swing radius	6770 mm	6770 mm

Machine dimensions

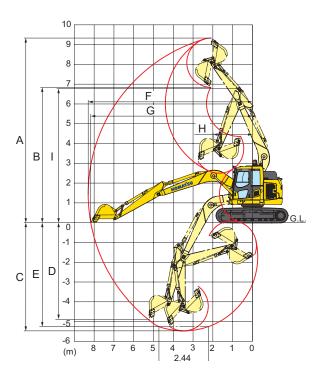
A Overall length B Overall height (To top of boom)* C Length on ground (Transport) D Overall width E Overall height (To top of cab)* F Ground clearance, counterweight G Minimum ground clearance H Tail swing radius I Length of track on ground J Track length	7260 mm 2950 mm 4400 mm	7160 mm 3210 mm 4290 mm
C Length on ground (Transport) D Overall width E Overall height (To top of cab)* F Ground clearance, counterweight G Minimum ground clearance H Tail swing radius I Length of track on ground	4400 mm	
D Overall width E Overall height (To top of cab)* F Ground clearance, counterweight G Minimum ground clearance H Tail swing radius I Length of track on ground		4290 mm
E Overall height (To top of cab)* F Ground clearance, counterweight G Minimum ground clearance H Tail swing radius I Length of track on ground	2490	
F Ground clearance, counterweight G Minimum ground clearance H Tail swing radius I Length of track on ground) mm
G Minimum ground clearance H Tail swing radius I Length of track on ground	3150 mm	
H Tail swing radius I Length of track on ground	900 mm	
l Length of track on ground	395 mm	
	1480 mm	
J Track length	2880 mm	
	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

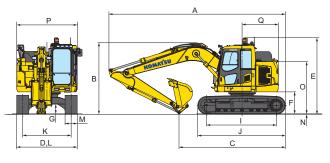
Hydraulic system

Туре	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	\leq 2.5 m/s ² (uncertainty K = 0.63 m/s ²)
Body	$\leq 0.5 \text{ m/s}^2 \text{ (uncertainty K = 0.25 m/s}^2\text{)}$
Contains fluorinated greenhouse gas HFC-134a (GWP 1430). Quantity of gas 0.8 kg; CO_2 equivalent 1.14 t	





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