

# KOMATSU

## WA600-8

*EU Stage IV Engine*

**WHEEL LOADER**

**PRELIMINARY**



**ENGINE POWER**

396 kW / 530 HP @ 1.800 rpm

**OPERATING WEIGHT**

56.000 kg

**BUCKET CAPACITY**

6,4 - 7,8 m<sup>3</sup>

WA600

## INCREASED FUEL EFFICIENCY AND ENVIRONMENTAL PERFORMANCE

**Up to 13% less fuel consumption with new engine and control systems.**

### *Powerful and Environmentally Friendly*

- NEW** • EU Stage IV engine
- NEW** • Komatsu SmartLoader Logic
- Large-capacity torque converter with standard lock-up
- NEW** • Adjustable idle shutdown
- NEW** • High efficiency buckets



### First-Class Comfort

- NEW** • New, air-suspended operator seat with integrated EPC lever console
- NEW** • Large multifunctional monitor
- Low-noise design
- NEW** • Rear-view camera system

### Excellent Stability and Manoeuvrability

- Superior dumping height and reach
- Wide tread and long wheelbase
- Boom suspension system

### Simple & Convenient Handling

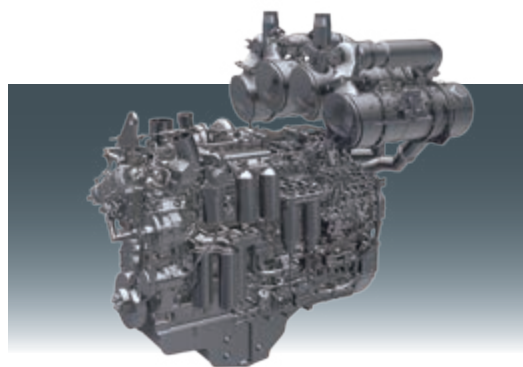
- NEW** • Automatic digging system
- Electronic Pilot Control (EPC) standard
- EPC-Multifunction lever (option)
- Intelligent gas pedal

### KOMTRAX™ Plus

- Komatsu Wireless Monitoring System
- Machine's health data
- NEW** • Energy saving information and reports
- NEW** • Increased operational data

### Easy Maintenance

- Wide core radiator with auto reverse fan
- Factory fitted automatic lubrication system
- Maintenance monitor



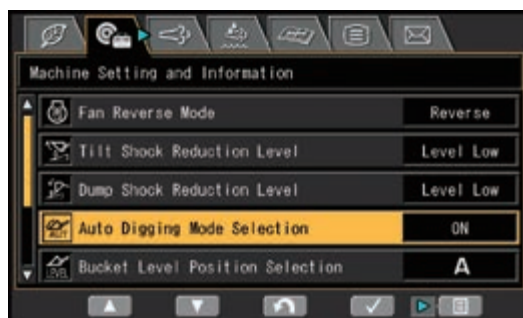
New, low consumption Komatsu SAA6D170E-7 engine



New operator seat with integrated EPC lever console and optional joystick steering



New, high efficiency buckets with new shape for easier and more efficient material handling



New, automatic digging system greatly reduces operator's fatigue while ensuring an ideal loading capacity.





Complimentary maintenance program for customers

## ENGINE

Model	Komatsu SAA6D170E-7
Type	Common rail direct injection, water-cooled, emissionised, turbocharged, after-cooled diesel
Engine power	
at rated engine speed	1.800 rpm
ISO 14396	396 kW/530 HP
ISO 9249 (net engine power)	395 kW/529 HP
No. of cylinders	6
Bore × stroke	170 × 170 mm
Displacement	23,15 l
Fan drive type	Hydraulic, reversible

## ENVIRONMENT

Engine emissions	Fully complies with EU Stage IV exhaust emission regulations
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## CHASSIS AND TYRES

System	4-wheel drive
Front axle	Komatsu HD axle, full-floating,
Rear axle	Komatsu HD axle, full-floating, 22° swing angle
Differential gear	Conventional type
Final drive	Planetary gear in an oil bath
Tyres	35/65-33

## BRAKES

Operating brakes	Hydraulically actuated, wet multidisc brakes on all wheels
Parking brake	Wet multi-disc
Emergency brake	Uses the parking brake

## HYDRAULIC SYSTEM

Type	Komatsu CLSS (Closed Centre Load Sensing System)
Hydraulic pump	Variable piston pump
Working pressure	350 kg/cm <sup>2</sup>
Maximum pump flow	239 + 239 l/min
No. of boom/ bucket cylinders	2/1
Type	Double-action
Bore diameter × stroke	
Boom cylinder	200 × 1.067 mm
Bucket cylinder	225 × 776 mm
Hydraulic cycle with rated load bucket filling	
Raise time	8,7 s
Lowering time (empty)	4,1 s
Dumping time	2,3 s

## TRANSMISSION

Type	Automatic powershift transmission
Torque converter	One-stage, two-phase, 3-element, with lock-up clutch

## DIMENSIONS

	3.990 mm boom	3.850 mm boom
Tread	2.650 mm	2.650 mm
Width over tires	3.590 mm	3.590 mm
A Wheelbase	4.500 mm	4.500 mm
B Hinge pin height, max. height	5.885 mm	5.665 mm
C Hinge pin height, carry position	720 mm	670 mm
D Ground clearance	525 mm	525 mm
E Hitch height	1.320 mm	1.320 mm
F Overall height, top of the stack	4.375 mm	4.375 mm
G Overall height, ROPS cab	4.500 mm	4.500 mm

Dimensions with 35/65-33-36PR (L-4) tyres

