KOMATSU®

WA600-8

Tier 4 Final Engine
Log Loader

WHEEL LOADER

WA600 LOG LOADER

Photos may include optional equipment.

NET HORSEPOWER
529 HP @ 1800 rpm
395 kW @ 1800 rpm

OPERATING WEIGHT
137,151 lb
62200 kg

WALK-AROUND

Photos may include optional equipment.

Performance
- SAA6D170E-7 395 kW **529 HP** @ 1800 HP
- Large Capacity Torque Converter
- Lock-up Torque Converter
- Modulated Clutch System
- Dual Mode Engine Power: Economy & Power

Operator Comfort
- Advanced Joy Stick Steering (AJSS)
- Electronic Pilot Control (EPC) Dual Levers for Work Equipment
- Adjustable Steering and Work Equipment Consoles
- Excellent Visibility

Easy Maintenance
- Equipment Management Monitoring System (EMMS)
- Hydraulic Driven Cooling Fan, Reversible
- KOMTRAX® Plus

Log Loader Specific Items Cylinders
- Large Capacity Steering Cylinders
- Large Capacity Lift Cylinders
- Large Capacity Boom Cylinder

Counterweight
- 6050 kg **13,340 lb** Log Loader Counterweight

Reinforcement
- Front frame reinforcement for large capacity steering cylinder
- Rear frame reinforcement for log loader counterweight

Photos may include optional equipment.

ENGINE

Model...Komatsu SAA6D170E-7*
Type ....Water-cooled, 4-cycle
Aspiration.............................Variable geometry, turbo-charged,
after-cooled, cooled EGR
Number of cylinders.. 6
Bore ....170 mm **6.69"**
Stroke ....170 mm **6.69"**
Piston displacement..23.15 ltr **1413 in³**
Governor...All-speed, electronic
Horsepower:
SAE J1995.. Gross 396 kW **530 HP**
ISO 9249 / SAE J1349 ....Net 395 kW **529 HP**
Rated rpm... 1800 rpm
Fan drive method for radiator cooling ....Hydraulic
Fuel system ....Direct injection
Lubrication system:
Method....................................Gear pump, force-lubrication
Filter...Full-flow type
Air cleaner........................... Dry type with double elements and
dust evacuator, plus dust indicator

*EPA Tier 4 Final emissions certified

BRAKES

Service brakes .... Hydraulically actuated,
wet multiple-disc brakes actuate on four wheels
Parking brake..Wet multiple-disc brake
Emergency brake.................. One of dual service brake circuits
is commonly used

AXLES AND FINAL DRIVES

Drive system ....Four-wheel drive
Front .... Fixed, full-floating
Rear ....Center-pin support, full-floating,
22° total oscillation
Reduction gear ....Spiral bevel gear
Differential gear... Conventional type
Final reduction gear .... Planetary gear, single reduction

TRANSMISSION

Torque converter.......... Three-elements, one-stage, two-phase
Transmission.............. Automatic full-powershift, planetary type

Travel speed	Forward*	Reverse*
1st	6.3 km/h **3.9 mph** 6.6 km/h **4.1 mph**	6.9 km/h **4.3 mph** 7.3 km/h **4.5 mph**
2nd	11.1 km/h **6.9 mph** 11.8 km/h **7.3 mph**	12.2 km/h **7.6 mph** 12.9 km/h **8.0 mph**
3rd	19.2 km/h **11.9 mph** 20.7 km/h **12.9 mph**	20.9 km/h **13.0 mph** 22.7 km/h **14.1 mph**
4th	30.3 km/h **18.8 mph** 35.7 km/h **22.2 mph**	31.8 km/h **19.8 mph** 38.9 km/h **24.2 mph**

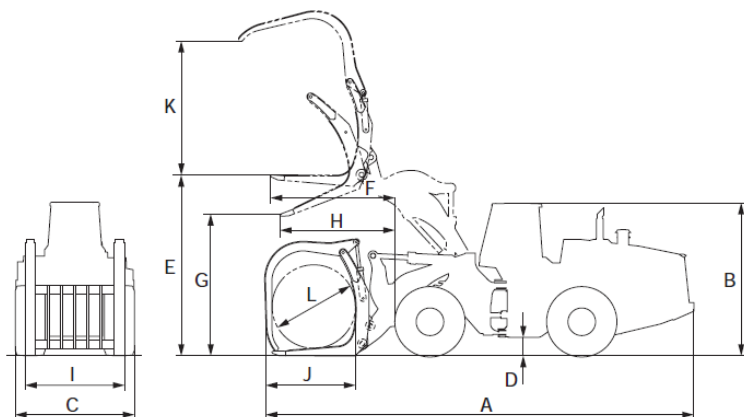*P-mode   Measured with 35/65-33 tires   ( ): Lock-up clutch ON

SERVICE REFILL CAPACITIES

Cooling system .... 150 ltr   **39.6 U.S. gal**
Fuel tank .... 718 ltr **189.7 U.S. gal**
Engine.. 86 ltr   **22.7 U.S. gal**
Hydraulic system.................................... 443 ltr **117.0 U.S. gal**
Axle front ....   185 ltr   **48.9 U.S. gal**
rear ....   193 ltr   **51.0 U.S. gal**
Torque converter and transmission........... 78 ltr   **20.6 U.S. gal**
DEF tank .... 39.7 ltr   **10.5 U.S. gal**

DIMENSIONS

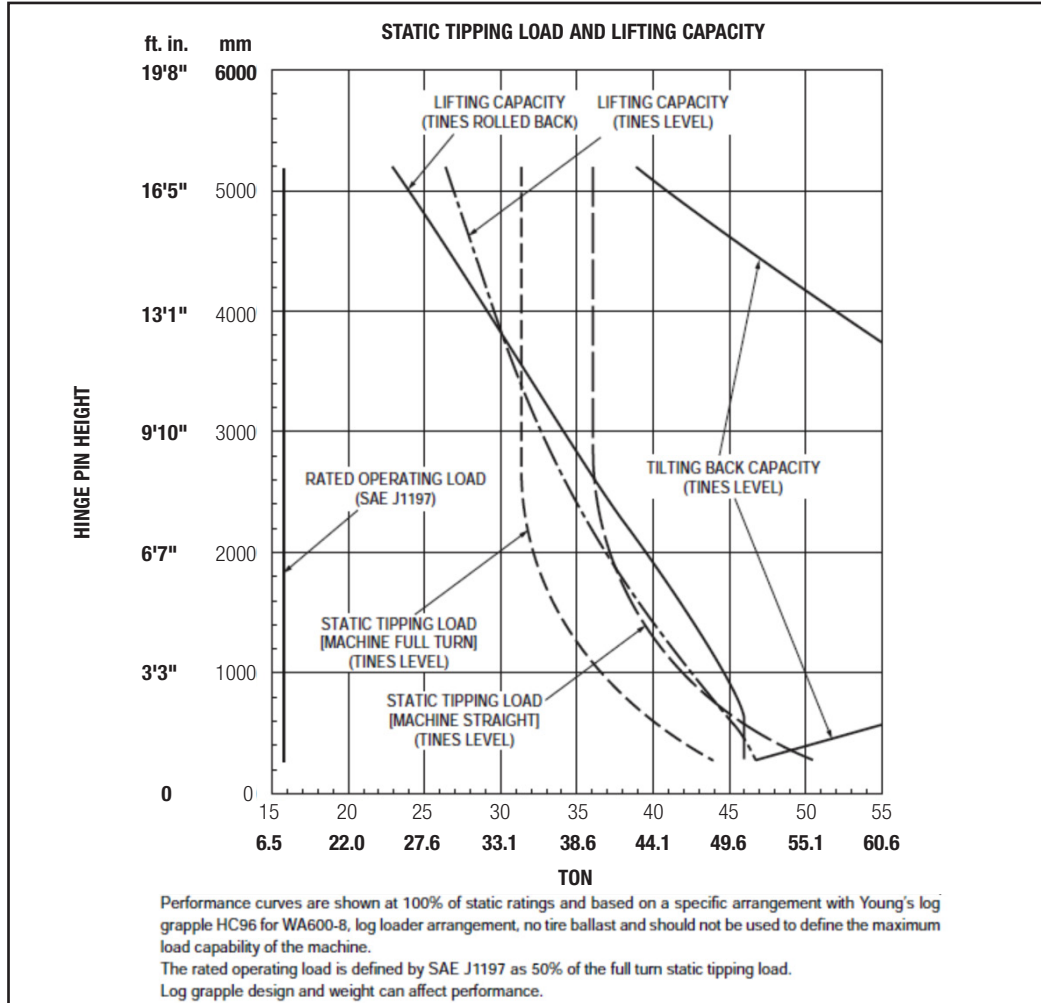Machine equipped with Young's log grapple HC96 and measured with 35/65R33 3 Star L-4 (Michelin) Tires

A	Overall Length	12560 mm	**41' 2"**
B	Overall Height	4450 mm	**14' 9"**
C	Overall Width	3540 mm	**11' 7"**
D	Min. ground clearance	525 mm	**1' 9"**
E	Max tine height with tine level	5201 mm	**17' 1"**
F	Reach, max. tine height with tine level	3623 mm	**11' 11"**
G	Dumping clearance **	3857 mm	**12' 8"**
H	Dumping reach**	3251 mm	**10' 8"**
I	Overall tine width	2896 mm	**9' 6"**
J	Tine length	2580 mm	**8' 6"**
K	Max. clamp opening height3	4029 mm	**13' 3"**
L	Top clamp min. closure diameter	2466 mm	**8' 1"**
	Operating Weight (including 1 operator: 80 kg (176 lb))	62,300 kg	**137409 lb**
	Rated Operating Load*	15700 kg	**34619 lb**
	Counterweight	6050 kg	**13340 lb**
	Minimum turning radius		
	Outside of chassis	9040 mm	**29' 8"**
	Center of outside tire	7510 mm	**24' 8"**

* The rated operating load is defined by SAE J1197 as 50% of the full turn static tipping load.
** At 30 deg. Discharge angle.

STATIC TIPPING LOAD AND LIFTING CAPACITY

Performance curves are shown at 100% of static ratings and based on a specific arrangement with Young's log grapple HC96 for WA600-8, log loader arrangement, no tire ballast and should not be used to define the maximum load capability of the machine.

The rated operating load is defined by SAE J1197 as 50% of the full turn static tipping load.

Log grapple design and weight can affect performance.

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Note: All comparisons and claims of improved performance made herein are made with respect to the prior Komatsu model unless otherwise specifically stated.

WA600-8 LOG LOADER