

# KOMATSU

## WA700-8

PRELIMINARY



Wheel loader

**Engine power**  
578 kW / 775 HP @ 2000 rpm

**Operating weight**  
97100 kg

**Bucket capacity**  
8.7 - 10.3 m<sup>3</sup>

## Powerful and environmentally friendly

- NEW** • 578 kW EU Stage V engine (+8%)
- NEW** • Increased fuel efficiency (+8%)
- NEW** • Increased engine torque (+15%)
- Komatsu SmartLoader Logic
- Large-capacity torque converter with standard lock-up
- Long-life Komatsu Diesel Particulate Filter
- Automatic transmission with Electronic Controlled Modulation Valve
- Closed-center load sensing system (CLSS)

## Maximised efficiency

- NEW** • Redesigned Komatsu bucket
- NEW** • Increased lifting force (+6%)
- Large dumping clearance
- Tire slip control system
- Large-capacity torque converter with standard lock-up



Engine power

**578 kW / 775 HP @ 2000 rpm**

Operating weight

**97100 kg**

Bucket capacity

**8.7 - 10.3 m<sup>3</sup>**

Exceptional productivity and operator environment

## Perfect matching for loading onto 60 t class dump trucks

### First-class operator comfort

- NEW** • Newly designed cab (ROPS/FOPS standard)
- NEW** • New operator seat with control levers
- NEW** • Advanced Joystick Steering System (AJSS)
- NEW** • Walk-through around the cab
  - Automatic digging system
  - Semi-auto Approach & Dump System
  - Electronically Controlled Suspension System
  - Variable traction control system

### Safety

- KomVision camera
- Rear view monitoring system
- LED lighting package

### Easy maintenance

- Swing-out type cooling fan and wide core radiator
- Machine lock out system
- Modular radiator core system
- Service center
- Battery disconnect switch

### Information & communication technology (ICT)

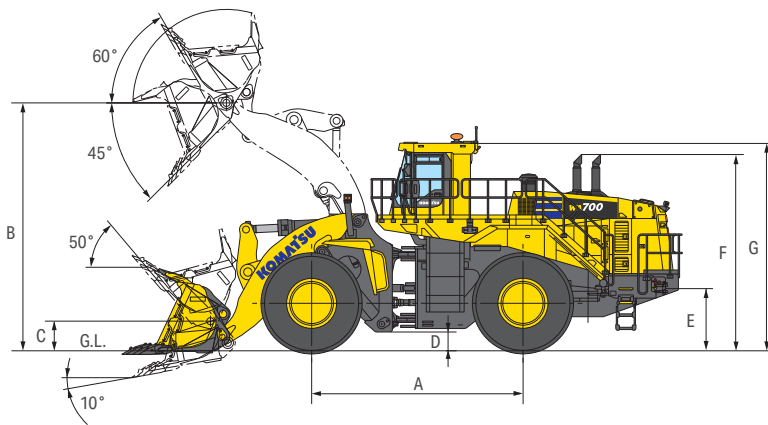
- High resolution 7-inch color Liquid Crystal Display (LCD) monitor
- Energy saving operation eco guidance
- Komtrax Plus





# Specifications

# WA700-8E0



	<b>Standard boom</b>
Overall width without bucket	3250 mm
Width over tires	4380 mm
A Wheelbase	5340 mm
B Hinge pin height, max. height	6265 mm
C Hinge pin height, carry position	750 mm
D Ground clearance	475 mm
E Hitch height	1570 mm
F Overall height, top of the stack	4960 mm
G Overall height, ROPS (ISO 3471) cab	5240 mm

## Measurements and working specifications (standard boom)

## Spade nose Teeth & segments

Bucket type	Excavating bucket		
Bucket capacity	Heaped	9.2 m <sup>3</sup>	
	Struck	8.0 m <sup>3</sup>	
Bucket width		4710 mm	
Bucket weight		8900 kg	
Dumping clearance, cutting edge		4540 mm	
Dumping clearance, teeth		4180 mm	
Reach, cutting edge		2080 mm	
Reach, teeth		2325 mm	
Operating height (Fully raised)		8625 mm	
Overall length		14130 mm	
Minimum turning radius (Bucket at carry, outside corner of bucket)	Full lever	Outside	10930 mm
		Center of outside tire	9460 mm
	Maximum articulate	Outside	10550 mm
		Center of outside tire	9050 mm
Digging depth (At the end of tooth)	0°	240 mm	
	10°	670 mm	
Static tipping load	Straight	68400 kg	
	40° full turn	59100 kg	
Breakout force	Boom	501 kN (51100 kgf)	
	Bucket	615 kN (62700 kgf)	
Operating weight		97100 kg	

All dimensions, weights, and performance values based on ISO 7131 and 7546 standards.

Static tipping load, operating weight and overall length shown include lubricant, coolant, full fuel tank, ROPS (ISO 3471) cab and operator.

Machine stability and operating weight affected by counterweight, tire size, and other attachments.