

# KOMATSU®

## WA100M-5

**NET HORSEPOWER**  
62 kW **82 HP** @ 2350 rpm

**OPERATING WEIGHT**  
6860 kg **15,123 lb**

**BUCKET CAPACITY**  
1.2 - 1.8 m<sup>3</sup> **1.6 - 2.3 yd<sup>3</sup>**

**WA**  
**100M**

COMPACT WHEEL  
LOADER



Photos may include optional equipment.

# WALK-AROUND

## ***Superior Versatility***

- Automatic bucket leveling
- Outstanding dump height and reach
- High payload capacity when using pallet forks
- Hydraulic front attachment quick coupler (WA95-3 attachments are not compatible)
- Limited slip differential (standard) and 100% differential lock (optional)

## ***Excellent Visibility***

- Delta boom design
- Sloped engine hood
- Narrow tail
- Increased cab glass enhances visibility to work equipment and around machine

## ***Unrivalled Productivity***

- Bucket designed for superior penetration into the pile and easy loading
- High tipping loads and lift capacities



## ***Ease of Serviceability***

- Tilt forward operator's compartment
- Longitudinally installed engine
- Wide opening engine hood
- Easy access radiator

***Operator Comfort***

- Spacious interior (Cab or ROPS canopy)
- Ergonomic design
- Increased cab glass provides the operator with excellent visibility
- Large storage areas
- Easy entry cab (optional)
- Open ROPS canopy
- Large wheelbase for improved ride quality
- Electronically Controlled Suspension System [ECCS (ride control)] (optional)
- Air conditioner (optional)

**NET HORSEPOWER**  
62 kW **82 HP** @ 2350 rpm

**OPERATING WEIGHT**  
6860 kg **15,123 lb**

**BUCKET CAPACITY**  
1.25 - 1.6 m<sup>3</sup>  
**1.6 - 1.8 yd<sup>3</sup>**



***Manual Speed Selection (Creeper Gear)-Optional***

Allows the separation of engine speed (RPM) from travel speed. Provides for maximum hydraulic flow to a front mounted hydraulic attachment without operating machine at maximum travel speed. Travel speed is infinitely adjustable up to maximum by simply turning a knob located to the right of the operator's seat

Photos may include optional equipment.

# FEATURES AND BENEFITS



### Productivity

Outstanding penetration and bucket capacity characterize the design of Komatsu buckets. Better bucket capacity also requires greater machine stability. Accordingly, the payload of the WA100M-5 wheel loader, with its standard bucket, is a class-leading 2380 kg **5,247 lb**. In addition, the longitudinally installed engine provides well balanced weight distribution.



### Comfort

Komatsu wheel loaders long wheelbase provide first-class riding comfort. The rear axle oscillates enhancing the machine ride. Operators will also appreciate the large operator's cab. There is a large storage compartment and a smaller storage box. A suspension seat with wrist/forearm rest is standard and an there is an optional air ride seat.



### Versatility

Customers will appreciate the rear axle-oscillation, which allows for excellent digging and generally provides the best stability. Additionally, the WA100M-5's elevated seat position provides for unequalled visibility.



**Ease of Operation**

Operators of compact wheel loaders are often challenged by a variety of applications. This is where the WA100M-5 excels: Parallel movement during pallet-fork applications, superb visibility of attachments and tires, easy to reach switches, and PPC multi-function lever. In addition, the WA100M-5 features a standard hydraulic front quick-coupler that allows the operator to change front attachments in the shortest amount of time and with the least effort.



**Serviceability**

By tilting the operator's compartment, all components are easily accessible for servicing. No dismantling of engine hoods or removing of the operator's compartment. As a result daily maintenance and routine inspections are even easier. The longitudinally installed engine allows access to all sides of the engine block. All filters, fill points and sight gauges are easy to see and reach, and the radiator is free-standing so both sides may be cleaned easily.



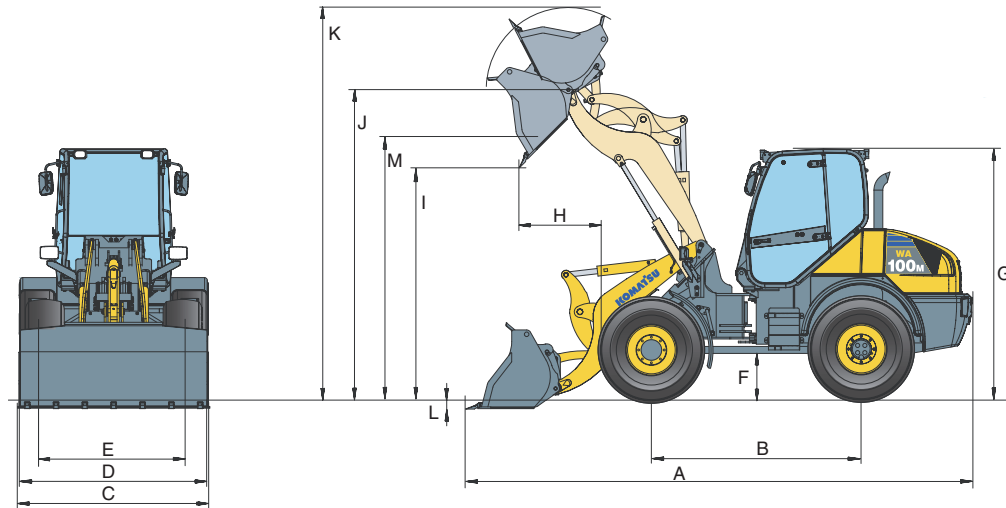
**Working Environment**

The WA100M-5, with its narrow tail design and large windows, is designed to provide unparalleled visibility. In construction and utility work, entering and exiting wheel loaders is common place. Easy access to and from the operator's compartment is essential to maintain a productive work flow. The WA100M-5's low entry step and wide-opening entry door provide easy access to the operator's compartment.





**DIMENSIONS**

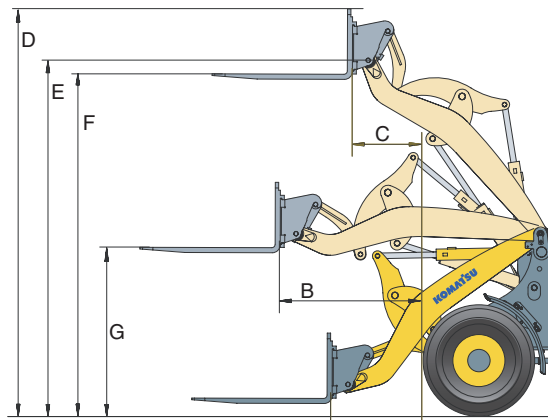


All specs are with 455/70 R24 tires.

Bucket		Universal Bucket Without Teeth		Universal Bucket With Teeth		Light Material Bucket Without Teeth		Multi-Purpose Bucket Without Teeth	
Bucket Capacity	Heaped	1.2 m <sup>3</sup>	<b>1.6 yd<sup>3</sup></b>	1.2 m <sup>3</sup>	<b>1.6 yd<sup>3</sup></b>	1.8 m <sup>3</sup>	<b>2.3 yd<sup>3</sup></b>	1.05 m <sup>3</sup>	<b>1.3 yd<sup>3</sup></b>
Material Density		1.8 t/m <sup>3</sup>	<b>3,046 lb/yd<sup>3</sup></b>	1.8 t/m <sup>3</sup>	<b>3,046 lb/yd<sup>3</sup></b>	1.35 t/m <sup>3</sup>	<b>2,250 lb/yd<sup>3</sup></b>	1.8 t/m <sup>3</sup>	<b>3,046 lb/yd<sup>3</sup></b>
Bucket weight		383 kg	<b>844 lb</b>	408 kg	<b>899 lb</b>	495 kg	<b>1,091 lb</b>	690 kg	<b>1,521 lb</b>
Static Tipping Load	Straight	5620 kg	<b>12,389 lb</b>	5585 kg	<b>12,312 lb</b>	5035 kg	<b>11,100 lb</b>	4525 kg	<b>9,975 lb</b>
	40° full turn	4760 kg	<b>10,494 lb</b>	4725 kg	<b>10,416 lb</b>	4235 kg	<b>9,336 lb</b>	3790 kg	<b>8,355 lb</b>
Operating capacity, 50% of full-turn tipping load		2380 kg	<b>5,247 lb</b>	2362 kg	<b>5,208 lb</b>	2118 kg	<b>4,668 lb</b>	1895 kg	<b>4,178 lb</b>
Turning radius at corner of tires		4240 mm	<b>13'11"</b>	4240 mm	<b>13'11"</b>	4240 mm	<b>13'11"</b>	4240 mm	<b>13'11"</b>
Turning radius at bucket edge		4685 mm	<b>15'4"</b>	4685 mm	<b>15'4"</b>	4790 mm	<b>15'8"</b>	4730 mm	<b>15'6"</b>
A	Overall length, bucket on ground	5745 mm	<b>18'10"</b>	5880 mm	<b>19'3"</b>	6080 mm	<b>19'11"</b>	5910 mm	<b>19'4"</b>
B	Wheelbase	2400 mm	<b>7'10"</b>	2400 mm	<b>7'10"</b>	2400 mm	<b>7'10"</b>	2400 mm	<b>7'10"</b>
C	Bucket width	2200 mm	<b>7'3"</b>	2200 mm	<b>7'3"</b>	2200 mm	<b>7'3"</b>	2200 mm	<b>7'3"</b>
D	Width over tires	2150 mm	<b>7'1"</b>	2150 mm	<b>7'1"</b>	2150 mm	<b>7'1"</b>	2150 mm	<b>7'1"</b>
E	Track Width	1690 mm	<b>5'6"</b>	1690 mm	<b>5'6"</b>	1690 mm	<b>5'6"</b>	1690 mm	<b>5'6"</b>
F	Ground clearance	420 mm	<b>1'4"</b>	420 mm	<b>1'4"</b>	420 mm	<b>1'4"</b>	420 mm	<b>1'4"</b>
G	Overall height	2875 mm	<b>9'5"</b>	2875 mm	<b>9'5"</b>	2875 mm	<b>9'5"</b>	2875 mm	<b>9'5"</b>
H	Reach at 45°	800 mm	<b>2'7"</b>	895 mm	<b>2'11"</b>	920 mm	<b>3'0"</b>	915 mm	<b>3'0"</b>
I	Dump height at 45°	2770 mm	<b>9'1"</b>	2675 mm	<b>8'9"</b>	2525 mm	<b>8'3"</b>	2655 mm	<b>8'8"</b>
J	Hinge pin height	3565 mm	<b>11'8"</b>	3565 mm	<b>11'8"</b>	3565 mm	<b>11'8"</b>	3565 mm	<b>11'8"</b>
K	Height to top edge of bucket	4505 mm	<b>14'9"</b>	4505 mm	<b>14'9"</b>	4675 mm	<b>15'4"</b>	4515 mm	<b>14'10"</b>
L	Digging depth	85 mm	<b>3.3"</b>	85 mm	<b>3.3"</b>	175 mm	<b>6.9"</b>	85 mm	<b>3.3"</b>
M	Max loading height at 45°	3230 mm	<b>10'7"</b>	3230 mm	<b>10'7"</b>	3120 mm	<b>10'3"</b>	3230 mm	<b>10'7"</b>
Breakout Force		6600 kg	<b>14,550 lb</b>	6600 kg	<b>14,550 lb</b>	5055 kg	<b>11,144 lb</b>	6227 kg	<b>13,728 lb</b>
Operating Weight		6830 kg	<b>15,057 lb</b>	6860 kg	<b>15,123 lb</b>	6945 kg	<b>15,311 lb</b>	7140 kg	<b>15,741 lb</b>



## DIMENSIONS WITH FORK TINES



All specs are with 455/70 R24 tires.

	Fork tine length	1200 mm	<b>3'11"</b>
A	Max. reach at ground level	790 mm	<b>2'7"</b>
B	Max. reach	1330 mm	<b>4'4"</b>
C	Max. reach at max. stacking height	510 mm	<b>1'8"</b>
D	Max height fork-carrier	4055 mm	<b>13'4"</b>
E	Hinge pin height	3565 mm	<b>11'8"</b>
F	Max. stacking height	3255 mm	<b>10'8"</b>
G	Height of forks at maximum reach	1575 mm	<b>5'2"</b>
	Max. tipping load, straight	4270 kg	<b>9,413 lb</b>
	Max tipping load, articulated	3685 kg	<b>8,124 lb</b>
	Max. payload, 80%	2900 kg	<b>6,393 lb</b>
	Max. payload, 60%	2175 kg	<b>2,175 lb</b>
	Operating capacity (50% of full-turn tipping load)	1842 kg	<b>4,062 lb</b>
	Operating weight with pallet forks	6720 kg	<b>14,815 lb</b>



## STANDARD EQUIPMENT

- Adjustable steering column
- Adjustable wrist rest with integrated small storage box
- Alternator, 60 A
- Back-up alarm
- Battery, 92 Ah x 12 V
- Cab heater
- Combined brake/inching pedal
- Counterweight
- Emergency steering system
- Front auxiliary hydraulic circuit
- Front laminated glass
- Heavy-duty axles
- Hydraulic front attachment quick-coupler
- Horn
- Instrument panel with gauges for speed, hydraulic oil temperature and fuel level
- Lights
  - Rear spot light
  - Reversing light, integrated into the rear spot light
  - Working lights, halogen, 2 front
- LSD differential, front and rear
- Open ROPS Canopy
- PPC multifunction lever
- Powertrain guard
- Rear window defroster and wiper
- ROPS/FOPS frame
- Seat belt, retractable, 76 mm 3" wide
- Starter motor, 2.2kW/12 V
- Storage box at left hand side
- Sun visor
- Suspension seat
- Tilt-forward operator's compartment
- Tinted glass-cab
- Vandalism protection
- Z-bar boom (Parallel movement when using dedicated fork tines)



## OPTIONAL EQUIPMENT

- 100% manual locking differentials, front and rear
- Multi-purpose bucket, 0.55m<sup>3</sup> **0.72 yd<sup>3</sup>**
- Adjustable high back suspension seat
- Additional lights, 2 front and 1 rear
- Additional counterweight
- Air conditioning
- Battery master disconnect switch
- Creeping function
- Electronically controlled load stabilizer (ECSS)-Ride control
- High speed travel 30km/h **18.6 mph**
- Fork carrier and tines
- Reversible cooling fan
- Side dump bucket, 0.7 m<sup>3</sup> **0.91 yd<sup>3</sup>**
- Tires

This specification sheet may contain attachments and optional equipment that are not available in your area. Please contact your local Komatsu Utility Division distributor for those items you may require. Materials and specifications are subject to change without notice.

KUSS172-01

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