

KOMATSU®

WA70-5

NET HORSEPOWER

45 kW **60 HP** @ 2350 rpm

OPERATING WEIGHT

5060 - 5360 kg

11,155 - 11,816 lb

BUCKET CAPACITY

0.85 - 1.25 m³ **1.1 - 1.6 yd³**

**WA
70**

COMPACT WHEEL
LOADER



Photos may include optional equipment.

WALK-AROUND

The ground-breaking design of the WA70-5 revolutionizes this class of compact wheel loaders. With a long wheelbase, rear-axle oscillation, longitudinally installed engine, tiltable cab and everything built into a super-compact design, the WA70-5 contains all the ingredients to deliver the benefits that really count for every compact wheel loader application.

Designed for Rental Companies and Fleet Owners

- Simple servicing
- Easy operation
- Robust design

Excellent Visibility

- Delta boom
- Sloped engine hood
- Narrow tail

Superior Versatility

- Parallel movement during pallet fork applications
- Tall dumping height and long reach
- High payload in pallet fork application
- Hydraulic front attachment quick-coupler (standard)
- Optimum dimensions for working in confined spaces
- Limited slip axles (standard)
- 100% differential lock (optional)



Unrivalled Productivity

- Bucket shape designed for superior penetration into the pile and easy filling
- High tipping loads and lifting capacities

Operator Comfort

- Large cab interior space
- Ergonomic design
- Large glass area for greater comfort and visibility
- Large storage areas
- Easy entry cab (optional)
- Open ROPS Canopy (optional)
- Long wheelbase for superior travelling comfort
- Ride control (optional)
- Air conditioning (optional)

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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

Ease of Serviceability

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

FEATURES AND BENEFITS



Productivity

One of the key factors that influences a wheel loader's performance is its bucket. Best penetration performance and optimum filling capacity characterize the design of Komatsu buckets. Better filling capacity also demands greater machine stability. Accordingly, the payload of the WA70-5 wheel loader, with its standard bucket, is class-leading at 1727 kg **3,800 lb.** In addition, the longitudinally installed engine helps to provide a well balanced weight distribution.



Comfort

Convenient daily travel is essential for a compact wheel loader while changing applications and job sites. Komatsu wheel loaders offer first-class riding comfort, thanks to its very long wheelbase. This makes small obstacles barely noticeable when travelling over them. And the rear axle oscillation provides suspension-like operator comfort. Operators will also appreciate the large operator's cabin. A large closed storage compartment with enough room for a pair of boots, raincoat, hard hat and tools, plus a smaller closed storage box for smaller items such as mobile phones and enough open space to store documents and other small belongings. A suspension seat and loader control wrist/forearm rest are provided as standard equipment.



Versatility

With its low height of 2465 mm **8'1"**, the WA70-5 is the optimum choice for companies that want to be able to transport their machines with the least amount of effort. Earthmoving and landscaping companies will especially welcome the rear axle-oscillation, which allows for digging and generally provides better stability. The rear axle-oscillation, combined with the optional 100% locking differential, makes this machine a perfect choice for nurseries.



Ease of Operation

Operators of compact wheel loaders are often challenged by a variety of applications. Therefore, easy operation of machine is a must. And this is where the WA70-5 excels. Parallel movement during pallet-fork applications, superb visibility of attachments and tires, easy to reach switches and control levers. In addition, the WA70-5 features a standard supplied hydraulic front attachment quick-coupler that allows the changing of front attachments in the shortest time and with the least effort. Of course, attachments for the Dash 5 series are interchangeable with the Dash 3 loaders.



Serviceability

Customers with large numbers of compact wheel loaders especially prefer to do their own servicing. This ensures the best availability of their equipment. And they want the servicing to be done as quickly as possible so the equipment and mechanics are available for other jobs. With the WA70-5, servicing is done in the shortest time. Simply tilt the operator's compartment, and literally all components are easily accessible for servicing within a few minutes. No dismantling of engine hoods, no removing of the operator's compartment. Daily maintenance is even simpler. The longitudinally installed engine allows access to all sides of the engine block. All filters, fill points and sight gauges are easy to reach, and the radiator is free-standing for best cleaning access from both sides.



Working Environment

Working in confined areas and in today's challenging working situations, operators have to be continuously aware of their surroundings. The WA70-5, with its narrow, short overhang and its super-large windows, has been designed to give best all-around visibility. In construction and utility work, getting on and off compact wheel loaders is frequent. Easy access to and from the operator's compartment is therefore very important for continuous workflow. This is provided by the WA70-5's low entry step and by its super-wide opening entry door.



TRANSMISSION

AXLES AND FINAL DRIVES

BRAKES

STEERING SYSTEM

HYDRAULIC SYSTEM

Hydraulic Cylinders	Number of Cylinders	Bore		Stroke	
Boom	1	95 mm	3.7"	670 mm	26.4"
Bucket	1	85 mm	3.3"	522 mm	20.6"

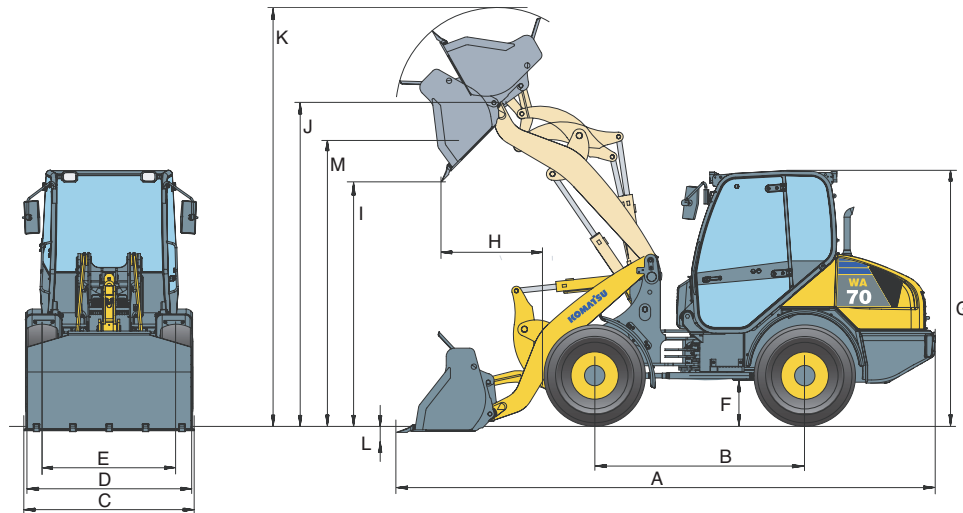
Raise	5.0 sec
Dump	0.9 sec
Lower (empty)	3.4 sec
	<hr/>
Total cycle time	9.3 sec



Cooling system	9.1 ltr	2.4 U.S. gal
Fuel tank	81.0 ltr	21.4 U.S. gal
Engine	7.5 ltr	2.0 U.S. gal
Hydraulic system	30.0 ltr	7.9 U.S. gal
Front axle	8.4 ltr	2.2 U.S. gal
Rear axle	8.4 ltr	2.2 U.S. gal



DIMENSIONS

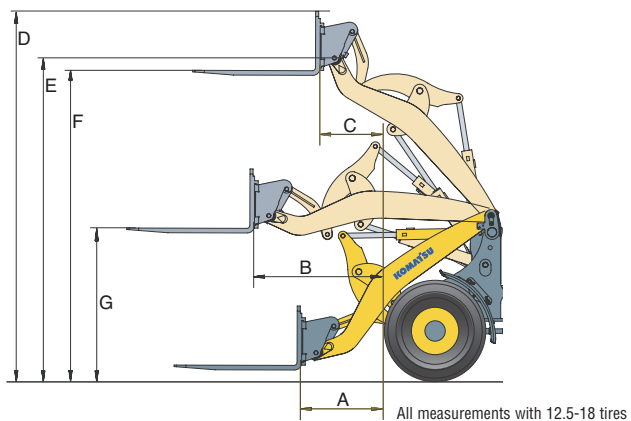


All specs are with 12.5-18 tires.

Bucket		Universal Bucket With Teeth		Universal Bucket Without Teeth		Light Material Bucket Without Teeth		Multi-Purpose Bucket With Teeth	
Bucket Capacity	Heaped	0.85 m ³	1.1 yd³	0.85 m ³	1.1 yd³	1.25 m ³	1.6 yd³	0.75 m ³	0.98 yd³
Material Density		1.80 t/m ³	3,046 lb/yd³	1.80 t/m ³	3,046 lb/yd³	1.30 t/m ³	2,199 lb/yd³	1.80 t/m ³	3,046 lb/yd³
Bucket weight without teeth		295 kg	650 lb	275 kg	606 lb	340 kg	750 lb	595 kg	1,312 lb
Static Tipping Load	Straight	4030 kg	8,884 lb	4030 kg	8,884 lb	3870 kg	8,532 lb	3560 kg	7,848 lb
	40° full turn	3450 kg	7,606 lb	3450 kg	7,606 lb	3310 kg	7,297 lb	3010 kg	6,635 lb
Operating capacity, 50% of full-turn tipping load		1727 kg	3,800 lb	1727 kg	3,800 lb	1657 kg	3,645 lb	1507 kg	3,315 lb
Turning radius at outer edge of tires		3680 mm	12'1"	3680 mm	12'1"	3680 mm	12'1"	3680 mm	12'1"
Turning radius at bucket edge		4175 mm	13'8"	4175 mm	13'8"	4280 mm	14'1"	4250 mm	13'11"
A Overall length, bucket on ground		5360 mm	17'7"	5230 mm	17'2"	5470 mm	17'11"	5470 mm	17'11"
B Wheelbase		2050 mm	6'8"	2050 mm	6'8"	2050 mm	6'8"	2050 mm	6'8"
C Bucket width		1800 mm	5'11"	1800 mm	5'11"	1870 mm	6'1"	1800 mm	5'11"
D Width over tires		1625 mm	5'4"	1625 mm	5'4"	1625 mm	5'4"	1625 mm	5'4"
E Track Width		1306 mm	4'3"	1306 mm	4'3"	1306 mm	4'3"	1306 mm	4'3"
F Ground clearance		305 mm	1'0"	305 mm	1'0"	305 mm	1'0"	305 mm	1'0"
G Overall height		2465 mm	8'1"	2465 mm	8'1"	2465 mm	8'1"	2465 mm	8'1"
H Reach at 45°		1010 mm	3'4"	860 mm	2'10"	1030 mm	3'4"	980 mm	3'2"
I Dump height at 45°		2335 mm	7'8"	2440 mm	8'0"	2260 mm	7'5"	2355 mm	7'8"
J Hinge pin height		3140 mm	10'3"	3140 mm	10'3"	3140 mm	10'3"	3140 mm	10'3"
K Height to top edge of bucket		4070 mm	13'4"	4070 mm	13'4"	4190 mm	13'9"	3950 mm	12'11"
L Digging depth		100 mm	4.0"	100 mm	4.0"	140 mm	5.5"	110 mm	4.5"
M Max loading height at 45°		2875 mm	9'5"	2875 mm	9'5"	2835 mm	9'3"	2870 mm	9'5"
Breakout Force-Bucket		3640 kg	8,025 lb	3640 kg	8,025 lb	3310 kg	6,966 lb	3570 kg	7,870 lb
Operating Weight		5060 kg	11,155 lb	5035 kg	11,100 lb	5100 kg	11,243 lb	5360 kg	11,816 lb



DIMENSIONS WITH FORK TINES



	Fork tine length	1200 mm	3'11"
A	Max. reach at ground level	805 mm	2'7"
B	Max. reach	1280 mm	4'2"
C	Max. reach at max. stacking height	640 mm	2'1"
D	Max height fork-carrier	3490 mm	11'5"
E	Hinge pin height	3140 mm	10'3"
F	Max. stacking height	2960 mm	9'8"
G	Height of forks at maximum reach	1425 mm	4'8"
	Max. tipping load, straight	3100 kg	6,834 lb
	Max tipping load, articulated	2630 kg	5,798 lb
	Max. payload, 80%	2100 kg	4,630 lb
	Max. payload, 60%	1575 kg	3,472 lb
	Operating capacity (50% of full-turn tipping load)	1318 kg	2,900 lb
	Operating weight with pallet forks	4980 kg	10,979 lb



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
- Multifunction loader lever
- Open ROPS Canopy
- 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, 0.55m³ **0.72 yd³**
- Adjustable high back suspension seat
- Additional lights, front and rear
- Air conditioning
- Battery master disconnect switch
- Creeping function
- Electronically controlled load stabilizer (ECSS)-Ride control
- Fork carrier and tines
- High dump bucket, 1.1 m³ **1.4 yd³**
- Light materials bucket, 1.0 m³ **1.3 yd³**
- Light materials bucket, 1.25 m³ **1.63 yd³**
- Side dump bucket, 0.7 m³ **0.91 yd³**
- 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.

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