

KOMATSU®

WA65-3

FLYWHEEL HORSEPOWER

37 kW **50 HP** @ 2500 rpm

OPERATING WEIGHT

4240 kg **9,330 lb**

Utility

**WA
65-3**

COMPACT WHEEL LOADER



Photos may include optional equipment

WA65-3

COMPACT WHEEL LOADER

FLYWHEEL HORSEPOWER

37 kW **50 HP** @ 2500 rpm

OPERATING WEIGHT

4240 kg **9,330 lb**

Standard Hydraulic Quick Coupler

Standard 4-point hydraulic quick coupler designed to be compatible with other brand attachments to increase versatility, quickly and with little effort.

Strength, Longevity, Precise Control...

Komatsu Hydrostatic Drive Transmissions can help ensure efficient productivity due to reliable power, smooth 2-speed shift on the fly capability and an inching pedal for even more precise control.

True Parallel Lift

With Komatsu's standard parallel lift design, the operator can expect high performance and productivity in either forklift or bucket applications.

Outstanding Visibility

The revolutionary Delta Boom design allows operators an unobstructed view of the bucket cutting edge. The Delta Boom combined with the unique rounded styling of the rear gives operators excellent visibility in forward and reverse applications.

Low Noise Operation

73 d[B]A emissionized engine that exceeds current standards.



Automatic Bucket Leveler

"Return to Dig" loader function for ease of use and increased productivity.

Optional Front Axle Weights

Ensure smoother rides by reducing repetitive shock in short distance loading cycles. Also provides more down force for excavation.

Optional Rear Counterweight

Can help increase load capacities or support more pallet fork or sidedump applications. (Approximate 375lb increase in full turn tipping load.)

Front & Rear Limited Slip Differentials

Effortless automatic engagement of limited slip differentials to ensure optimal productivity and force.

SPECIFICATIONS

WA65-3
COMPACT WHEEL LOADER



ENGINE-EPA CERTIFIED

Model	Komatsu 4D94E-1HC	
Flywheel Horsepower	.37 kW/50 HP	@2,500 rpm
Max. torque	165 Nm 122 ft. lb.	@1,600 rpm
No. of cylinders	4	
Bore/Stroke	94/100 mm 3.70"/3.93"	
Displacement	2.8 ltr. 169 cu. in.	
Fuel injection	Direct	
Cooling system	Dual circuit, thermostatically controlled liquid cooling	
Electrical system	12 volt	
Battery	1 x 12 volt, 92 Ah	
Alternator	.80Ah	
Air Filter	dry air filter with pre-filter and safety cartridge	



TRANSMISSION

Hydrostatic transmission with thermostat valve, power shift under full load (forward and reverse) and High/Low speed.

Gears

Forward/Reverse direction controlled by joystick rocker switch with emergency steering system

Speeds	1st gear 0 – 5.6 km/h	3.5 mph
	2nd gear 0 – 20.0 km/h	12.4 mph



AXLES

System	All wheel drive	
Axles	Planetary rigid axles with automatic self-locking limited slip differential on both axles	
Mounting	Oscillating articulation joint	
Oscillating angle	± 12°	
Tires	335/80 R 18 SPT 9 Dunlop (standard) 335/80 R 20 Michelin (optional) 335/80 R 18 SPT 9 Dunlop (optional)	



STEERING SYSTEM

Type	Center pivot steering
Steering angle to each side	.40°
Steering pump	Gear pump
Operating pressure	175 bar 2540 psi
Minimum turning circle	
Wheel outer edge	.3.7 m 12'1"



BRAKES

Service brakes	Combined inch brake pedal – Non-wearing, acting on all 4 wheels via the hydrostatic drive – Drum brake mounted on rear axle
Parking brake	Mechanically operated drum brake



HYDRAULIC SYSTEM

HydraMind System with CLSS (Closed Center Load Sensing System) and multifunction joystick control lever with wrist rest. Includes hydraulic 4 point attachment quick-coupler and automatic bucket positioner ("return to dig" loader function).

System	Closed load sensing
Hydraulic pressure	200 bar 2900 psi
Hydraulic pump flow	55 l/min. 14.5 gpm
Lift time	.5.0 sec.
Lowering time	.2.4 sec.



SERVICE REFILL CAPACITIES

Fuel	.77.0 ltr. 20.3 gal.
Coolant system	.10.0 ltr. 2.6 gal.
Engine oil	.9.4 ltr. 2.4 gal.
Operating, steering and drive, hydraulic system	.70.0 ltr. 18.2 gal
Front axle	.6.1 ltr. 1.6 gal.
Rear axle	.6.5 ltr. 1.7 gal.

Standard Equipment

- Automatic bucket leveler
- Auxiliary hydraulics
- Back-up alarm
- Drawbar with pin
- Engine coolant temperature gauge w/high temp alarm
- Engine oil pressure light w/low pressure alarm
- Floor mat, cupholder & storage compartments
- Fuel gauge
- Hour meter
- Hydraulic 4-point quick coupler
- Hydrostatic drive with high and low speeds
- Joystick for multi-function drive/hydraulic system control
- Lights
 - driving (2)
 - flashing (4)
 - indicator, front and rear
 - work (2) halogen, each front and rear
- Quick check panel
- Seat Belt, 3"
- Steering column, tiltable
- Suspension seat, adjustable high-comfort with arm and wrist rest
- ROPS canopy with gauge/warning light panel cover
- Tires, 335/80 R 18 SPT 9 Dunlop
- Window, 4 position opening (RH) door

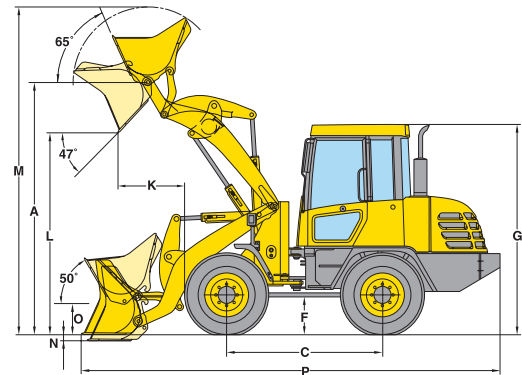
Optional Equipment

- Air conditioning
- Bucket, general purpose, quick attach, with bolt-on cutting edge 0.7 m³ **.92 yd³** capacity
- Bucket, light material, quick attach, without teeth, without cutting edge 1.0 m³ **1.3 yd³** capacity
- Bucket, light material, quick attach, without teeth, without cutting edge 1.25m³ **1.63 yd³** capacity
- Bucket, multi-purpose, quick attach, with 6 teeth, without cutting edge 0.55 m³ **.72 yd³** capacity
- Bucket, quick attach, without teeth, without cutting edge 1.00 m³ **1.31 yd³** capacity
- Counterweight, rear 100 kg **220 lb** tipping load @ full articulation increase 170 kg **374 lb**
- Electrical switch, master disconnect
- Front axle weight (set of 2) 154 lbs.
- Forklift tines quick attachment, (1000 mm) **3'3"** length
- Ride control, electronically controlled suspension system (ECSS)
- ROPS cab with heater
 - front and rear wiper/washer
 - heated rear window
 - tinted glass, all-round
- Tires, Bridgestone, 15.5/60-18, 8 ply
- Tires, Michelin, 335/80 R18 (12.5 R18) xM27 TL



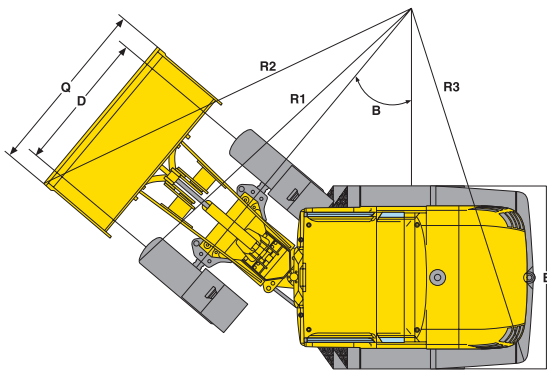
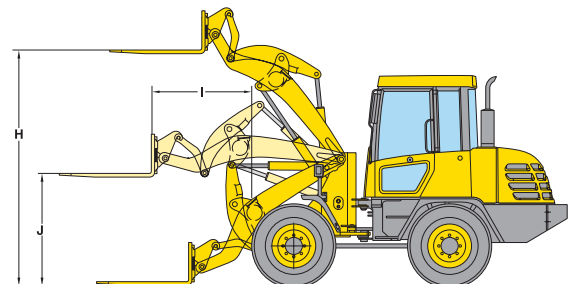
Dimensions – main data*

A	Height to bucket hinge pin	3125 mm	10'3"
R1	Turning circle diameter	3640 mm	11'11"
R3	Turning circle diameter	3700 mm	12'2"
B	Articulation angle40°	
C	Wheelbase	1950 mm	6'5"
D	Tread width	1450 mm	4'9"
E	Width over tires	1780 mm	5'10"
F	Ground clearance	300 mm	1'0"
G	Overall height	2600 mm	8'6"



Operating Data – with forklift tines

H	Max. stacking height	2925 mm	9'7"
I	Max. reach	1215 mm	4'0"
J	Fork height at max. reach	1385 mm	4'7"
	Max. tipping load – extended (ISO 8313)	2730 kg	6000 lbs.
	Max. tipping load – articulated	2360 kg	5190 lbs.
	Max. workload to EN 474–3, 80%	1800 kg	3960 lbs.
	Max. workload to EN 474–3, 60%	1410 kg	3100 lbs.



Values when operating with buckets*

Type of Bucket		General Purpose		Light-Material Bucket		Multi-Purpose Bucket	
Buckets (heaped capacity)	m ³ yd ³	0.7	.92	1.0	1.3	0.55	.72
Bucket weight without teeth	kg lbs.	285	627	380	836	485	1067
Static tipping load (straight)	kg lbs.	3500	7700	3270	7194	3030	6666
Static tipping load (at 40° angle)	kg lbs.	3050	6710	2840	6248	2550	5610
Max. breakout force	kN lbs.	39.8	8955	34.3	7718	35.9	8078
Operating weight	kg lbs.	4240	9330	4340	9548	4440	9768
K Reach at 45°	mm ft. in.	780	2'7"	840	2'9"	810	2'8"
L Dumping height at 45°	mm ft. in.	2515	8'3"	2425	8'0"	2440	8'0"
M Height to upper edge of bucket	mm ft. in.	4030	13'3"	4030	13'3"	3890	12'9"
N Digging depth	mm ft. in.	80	3"	110	4"	110	4"
O Bucket height when traveling	mm ft. in.	340	1'1"	340	1'1"	340	1'1"
P Overall length	mm ft. in.	5120	16'10"	5240	17'2"	5340	17'6"
Q Bucket width	mm ft. in.	1850	6'1"	2100	6'11"	1850	6'1"
R2 Turning circle over bucket	mm ft. in.	4020	13'2"	4180	13'9"	4050	13'3"

* All data with tires 335/80 R 18 SPT 9.

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

Form No. KUSS108-02

© 2002 Komatsu Printed in USA PLI (5.0M) PL

Printed in USA 0302



Komatsu Utility
 Division of Komatsu America International Company
 PO Box 8112 • Vernon Hills, IL 60061-8112
 website: www.komatsuutility.com

