

KOMATSU®

FLYWHEEL HORSEPOWER
42.5 kW **58 HP** @ 2500 rpm

OPERATING WEIGHT
4850 kg **10,670 lb**

WA75-3



WA
75-3



Photos may include optional equipment

COMPACT WHEEL LOADER

WA75-3

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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.

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.

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.

Low Noise Operation

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

True Parallel Lift

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



Optional Rear Counterweight

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

Optional Front Axle Weights

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

Front & Rear Limited Slip Differentials

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

Automatic Bucket Leveler

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

SPECIFICATIONS

WA75-3
COMPACT WHEEL LOADER



ENGINE - EPA CERTIFIED

Model	.Komatsu 4D98E-1HC	
Flywheel Horsepower	.42.5 kW/58 HP @2,500 rpm	
Max. torque	.210 Nm 155.4 ft. lb. @1,600 rpm	
No. of cylinders	.4	
Bore/Stroke	.98/110 mm 3.85"/4.33"	
Displacement	.3.3 ltr. 202 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	.80A	
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).	
Gears	
Forward/Reverse	.2/2
Speeds	.1st gear 0 – 7.5 km/h 4.7 mph
	.2nd gear 0 – 20.0 km/h 12.4 mph



AXLES

System	.All wheel drive	
Axles	.Planetary rigid axles with automatic self-locking differential on both axles	
Mounting	.Oscillating articulation joint	
Oscillating angle	.± 12°	
Tires	.335/80 R 20 SPT 9 Dunlop (standard)	
	.375/75 R 20, XM 27 TL Michelin (optional)	
	.17.5/65-20, 10 PLY Bridgestone (optional)	
	.405/75 R 20, XM 27 TL Michelin (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	.3.77 m 12'4"



BRAKES

Service brakes	.Combined inch brake pedal
	– Non-wearing, acting on all 4 wheels via the hydrostatic drive
	– Oil-bath multi-disc brake, integrated into the axle
Parking brake	.Mechanically operated oil-bath multi-disc brake



HYDRAULIC SYSTEM

System	.closed load sensing
Hydraulic pressure	.205 bar 2975 psi
Hydraulic pump flow	.64.1 l/min. 16.9 gpm
Lift time	.4.9 sec.
Lowering time	.2.6 sec.



SERVICE REFILL CAPACITIES

Fuel	.90.0 ltr. 23.4 gal.
Coolant system	.12.25 ltr. 3.2 gal.
Engine oil	.9.4 ltr. 2.4 gal.
Operating, steering and drive hydraulic system	.95.0 ltr. 24.7 gal.
Front axle	.6.1 ltr. 1.6 gal.
Rear axle	.6.5 ltr. 1.7 gal.

Standard Equipment

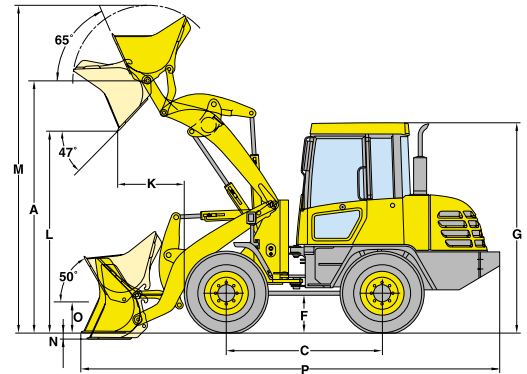
- Automatic bucket leveler
- Auxiliary hydraulics
- Back-up alarm
- Drawbar with pin
- Engine coolant temperature gauge w/high temp alarm
- Engine oil pressure light w/low pressure alarm
- Floor mat, cupholder & storage compartments
- Fuel gauge
- Hour meter
- Hydraulic 4-point quick coupler
- Hydrostatic 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 0.8 m³ **1.04 yd³** capacity
- Bucket, light material, quick attach, without teeth, without cutting edge 1.25 m³ **1.63 yd³** capacity
- Bucket, side dump, without teeth, without cutting edge 0.8m³ **1.04 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**
- Cutting edge, bolt-on for 2100mm **6'1"** buckets
- Electrical switch, master disconnect
- Front axle weight (set of 2) 154 lbs.
- Forklift tines quick attachment, (1000 mm) **3'3"** length
- High speed option (19mph)
- 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, 17.5/65-20, 10 PLY
- Tires, Michelin, 405/75 R 20 xM27 TL
- Tires, Michelin, 375/75 R 20 xM27 TL

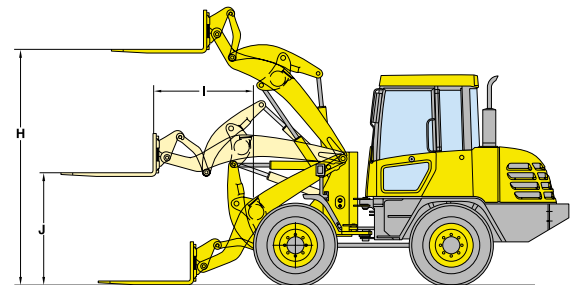
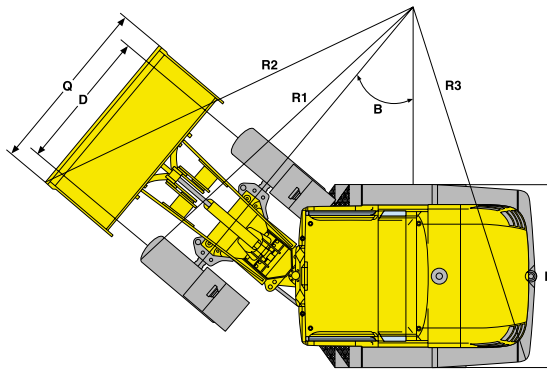
Dimensions – main data*

A	Height to bucket hinge pin	3205 mm	10'6"
R1	Turning circle diameter	3775 mm	12'5"
R3	Turning circle diameter	3775 mm	12'5"
B	Articulation angle	40°	
C	Wheelbase	2000 mm	6'7"
D	Tread width	1550 mm	5'1"
E	Width over tires	1915 mm	6'3"
F	Ground clearance	460 mm	1'6"
G	Overall height	2650 mm	8'8"



Operating Data – with forklift tines

H	Max. stacking height	3005 mm	9'10"
I	Max. reach	1315 mm	4'4"
J	Fork height at max. reach	1420 mm	4'8"
	Max. tipping load – extended (ISO 8313)	2900 kg	6380 lbs.
	Max. tipping load – articulated	2500 kg	5500 lbs.
	Max. workload to EN 474–3, 80%	2000 kg	4400 lbs.
	Max. workload to EN 474–3, 60%	1550 kg	3410 lbs.



Values when operating with buckets*

Type of Bucket			General Purpose		Light-Material Bucket				Multi-Purpose Bucket	
Buckets (heaped capacity)	m ³	yd ³	0.8	1.04	1.0	1.3	1.25	1.63	0.75	.98
Bucket weight without teeth	kg	lbs.	335	737	380	836	410	902	660	1452
Static tipping load (straight)	kg	lbs.	3750	8250	3670	8074	3620	7964	3200	7040
Static tipping load (at 40° angle)	kg	lbs.	3250	7150	3140	6908	3100	6820	2720	5984
Max. breakout force	kN	lbs.	48.6	10935	43.9	9875	38.0	8550	41.3	9293
Operating weight	kg	lbs.	4850	10670	4895	10769	4925	10835	5150	11330
K Reach at 45°	mm	ft. in.	890	2'11"	915	3'0"	1000	3'3"	930	3'1"
L Dumping height at 45°	mm	ft. in.	2565	8'5"	2495	8'2"	2410	7'11"	2450	8'1"
M Height to upper edge of bucket	mm	ft. in.	4100	13'5"	4110	13'2"	4230	13'10"	4040	13'3"
N Digging depth	mm	ft. in.	95	4"	120	5"	120	5"	130	5"
O Bucket height when traveling	mm	ft. in.	370	1'3"	370	1'3"	330	1'1"	370	1'3"
P Overall length	mm	ft. in.	5390	17'8"	5480	18'0"	5545	18'2"	5530	18'2"
Q Bucket width	mm	ft. in.	1950	6'5"	2100	6'11"	2100	6'11"	2000	6'7"
R2 Turning circle over bucket	mm	ft. in.	4210	13'10"	4325	14'2"	4350	14'3"	4250	13'11"

* All data with tires 335/80 R 20 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.

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