

KOMATSU

Utility Corporation



Machine Shown with
Optional Equipment



PC60-7 COMPACT EXCAVATOR

FEATURING

- HydraMind Systems
- Proportional Pressure Controlled (PPC) Joysticks
- Rubber Track Option
- Easy Maintenance

KOMATSU

Easy Maintenance

To make it easy to keep them up and running when you need them, Komatsu compact excavators are equipped with a variety of easy maintenance features.

Exclusive HydraMind System

HydraMind is an advanced hydraulic control system that provides the operator with unbeatable “feel” and precision control. By automatically providing just the right combination of speed and power, even the most complex operations can be tackled with maximum speed and efficiency. It’s one of the features that has helped make our full-size excavators so popular around the world. And that makes our compact machines work bigger than they look.

LCD Monitor

Displays oil pressure, battery condition and fuel level at a glance, as well as various alarm and diagnostic functions.

Built-in Hydraulics

Built-in hoses serving the bucket, boom and blade cylinders ensure protection from chafing.

Fixed Boom

Offers maximum digging forces in a compact machine allowing for large excavator performance.

Easy-to-use PPC Joysticks

Another advanced feature is the Proportional Pressure Control (PPC) joysticks. Easy to use PPC controls help operators of all skill levels work precisely and efficiently all day long — with minimum operator effort.

Steel or Rubber Tracks

Choose between quiet, smooth-rolling rubber tracks or durable, easy to replace steel tracks.



Engine

Model Komatsu 4D95LE-2
 Type 4-cycle, water-cooled, direct-injection
 Aspiration Naturally aspirated
 No. of cylinders 4
 Bore 3.74" 95 mm
 Stroke 4.53" 115 mm
 Piston displacement 200 cu. in 3.28 ltr.
 Flywheel Horsepower:
 (SAEJ1349) 54 HP/40.5 kW@2100 rpm
 (DIN6271NET) 55 PS/40.5 kW@2100 rpm

Hydraulic System

Type HydrauMind — Closed Load Sensing System with pressure compensated valves
 Main pump:
 Type Variable-displacement axial piston pump
 Maximum flow 41.0 gpm 155 l/min.
 Hydraulic motors:
 Travel 2x Axial piston motor with parking brake
 Swing 1x Axial piston motor with swing holding brake
 Relief valve settings:
 Implement circuits 3,560 psi 250 kg/cm²
 Travel circuits 3,560 psi 250 kg/cm²
 Swing circuits 2,770 psi 195 kg/cm²
 Pilot circuits 430 psi 30 kg/cm²
 Hydraulic cylinders:
 No. of cylinders — bore x stroke
 Boom 1 - 4.5" x 33.1" 115 mm x 840 mm
 Arm 1 - 3.9" x 34.1" 110 mm x 865 mm
 Bucket 1 - 3.5" x 28.0" 90 mm x 710 mm

Swing System

Driven by Hydrostatic motor
 Swing reduction Planetary gear reduction
 Swing circle lubrication Grease-bathed
 Swing lock Oil disc brake
 Swing speed 12.0 rpm

Drives & Brakes

Steering control Two levers
 Drive method Hydrostatic
 Drive motor Axial piston motor, in-shoe design
 Reduction system Epicycle differential, planetary gear reduction
 Max. drawbar pull 12,125 lb. 5500kg
 Max. travel speed (High) 2.8 MPH 4.5 km/h
 Max. travel speed (Low) 1.7 MPH 2.8 km/h
 Service brake Hydraulic lock type
 Parking brake Oil disc brake

Undercarriage

Track frame Box section type
 Seal of track Sealed track
 Track adjuster Hydraulic type
 No. of shoes 38 each side
 No. of carrier rollers 1 each side
 No. of track rollers 5 each side

Coolant & Lubricant Capacity (refilling)

Fuel tank 34.3 U.S. gal. 130.0 ltr.
 Radiator 2.7 U.S. gal. 10.3 ltr.
 Engine 1.2 U.S. gal. 4.5 ltr.
 Final drive, each side 0.4 U.S. gal. 1.7 ltr.
 Swing drive 0.4 U.S. gal. 1.5 ltr.
 Hydraulic tank 15.1 U.S. gal. 57.0 ltr.

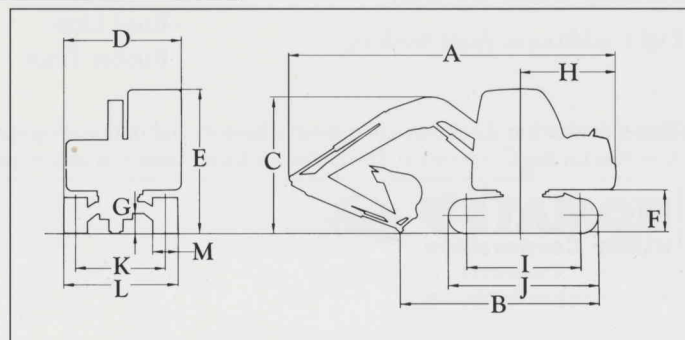
Operating Weight (approximate)

Operating weight, including 9'10" 3000 mm one-piece boom, 5'5" arm 1.70 m, SAE heaped 0.31 cu. yd 0.24 m³ backhoe bucket, operator, lubricant, coolant and full fuel tank and the standard equipment

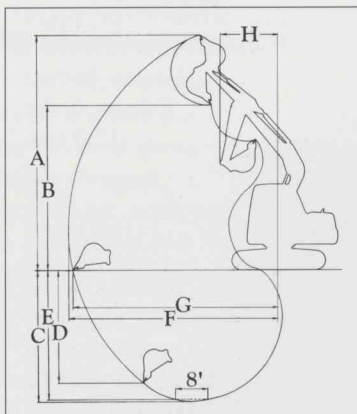
Triple-grouser shoes	PC60-7	
	Operating weight	Ground pressure
18" (450 mm)	13,780 lb. 6250 kg	4.27 psi 0.30 kg/cm ²
24" (600 mm)	14,130 lb. 6410 kg	3.27 psi 0.23 kg/cm ²

Dimensions

Arm length	5'5"	1.65 m	7'5"	2.25 m
A Overall length	19'11"	6080 mm	20'1"	6110 mm
B Length on ground (transport)	12'0"	3660 mm	11'7"	3530 mm
C Overall height (to top of boom)	8'6"	2590 mm	9'3"	2830 mm
D Overall width	7'5"	2250 mm		
E Overall height (to top of cab)	8'6"	2590 mm		
F Ground clearance, counterweight	2'6"	750 mm		
G Min. ground clearance	1'2"	350 mm		
H Tail swing radius	5'9"	1750 mm		
I Length of track on ground	7'0"	2130 mm		
J Track length	9'1"	2765 mm		
K Track gauge	5'7"	1700 mm		
L Track width	7'7"	2300 mm		
M Shoe width	24"	600 mm		



Working Range



Arm length	5'5"	1.65 m	7'5"	2.25 m
A Max. digging height	23'6"	7150 mm	25'	7515 mm
B Max. dumping height	16'5"	5015 mm	18'	5420 mm
C Max. digging depth	13'5"	4100 mm	15'5"	4690 mm
D Max. vertical wall digging depth	11'6"	3505 mm	10'7"	3265 mm
E Max. digging depth of cut 8' level	12'4"	3755 mm	14'8"	4460 mm
F Max. digging reach	20'10"	6360 mm	23'	6900 mm
G Max. digging reach at ground	20'5"	6220 mm	22'4"	6770 mm
H Min. swing radius	5'9"	1750 mm	6'8"	2075 mm
Bucket digging force	10,580 lb.	4800 kg	10,580 lb.	4800 kg
Arm crowd force	7,940 lb.	3050 kg	6,720 lb.	3050 kg

Bucket & Arm Combinations

O General purpose use, weight up to 3040 lbs./cu.yd.
 Δ Material weight up to 2020 lbs. cu. yd.
 X Not available

Model	SAE Heaped Capacity	Bucket Width	Weight	Standard Bucket	Arm Selection				
					Standard		Long		
PC60-7	3.2 cu. ft. .090 m ³	18" 460 mm	330 lbs. 150 kg.	O	5'5" (1650 mm)	O	O	O	
	4.6 cu. ft. .130 m ³	22" 560 mm	355 lbs. 160 kg.			O	O	O	
	7.0 cu. ft. .198 m ³	26" 660 mm	406 lbs. 184 kg.			O	7'5" (2260 mm)	O	O
	10.0 cu. ft. .283 m ³	30" 760 mm	467 lbs. 212 kg.			O	O	O	X
	12.7 cu. ft. .360 m ³	33" 840 mm	485 lbs. 220 kg.			Δ	O	O	X

Standard Equipment

- Air cleaner, dry type with dust indicator
- Alternator, 24-volt/25 A
- Cab, all-weather steel (with tinted safety glass windows, pull-up type front window with lock device, removable lower windshield, lockable door, floor mat, wiper, adjustable seat, ashtray)
- Cooling fan, suction type
- Control levers, adjustable wrist control
- Drive system, hydrostatic two-speed
- Electric horn
- Front light (1)
- Fuel control lever
- Heater and defroster
- Radiator and oil cooler with dustproof net
- Rearview mirror, RH & LH
- Seat, adjustable
- Seat belt 3"
- Starting motor, 24-volt/3.0 kW
- Track frames: 5-track/1-carrier rollers (each side), 23.6" 600 mm triple-grouser shoes and hydraulic track adjusters
- Travel alarm
- Travel levers & pedals
- Vandalism protection locks

Optional Equipment

- Air conditioner
- Deceleration, one-touch
- Greasing System, automatic
- Light, additional front working
- Offset Boom
- Track Options:
 - 18" Triple Grouser Shoe
 - Road Liner
 - Rubber Track
- Track roller guard
- Tool kit
- Windshield washer

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

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