KOMATSU®

PC45MR-5
PC55MR-5

Tier 4 Final Engine

PC45/55MR

COMPACT HYDRAULIC EXCAVATOR

Photos may include optional equipment.

NET HORSEPOWER

PC45MR-5 PC55MR-5
38 HP @ 2400 rpm
28.3 kW @ 2400 rpm

OPERATING WEIGHT

WITH CANOPY
PC45MR-5: 10,737 lb 4870 kg
PC55MR-5: 11,354 lb 5150 kg

WITH CAB
PC45MR-5: 11,001 lb 4990 kg
PC55MR-5: 11,618 lb 5270 kg

BUCKET CAPACITY

PC45MR-5: 0.07–0.21 yd³ 0.055–0.16 m³
PC55MR-5: 0.07–0.24 yd³ 0.055–0.18 m³

WALK-AROUND

Photos may include optional equipment.

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DIG DEPTH

PC45MR-5: 12'0" 3670 mm
PC55MR-5: 12'6" 3800 mm

KOMATSU CARE®

PERFORMANCE AND VERSATILITY

- Standard auxiliary hydraulics
- Standard thumb mounting bracket*
- Three track options: rubber, steel or roadliner
- Automatic two-speed travel
- ISO/SAE pattern change valve

New engine and hydraulic technology improves operational efficiency and lowers fuel consumption by up to 5%.**

Convex sliding door allows the door to hug the machine for easier access and operation in tight areas.

A powerful Komatsu 4D88E-7 engine provides a net output of 28.3 kW **38 HP**. This engine is EPA Tier 4 Final emissions certified.

Komatsu Diesel Particulate Filter (KDPF) reduces particulate matter and is seamless to the operator. **No DEF is required.**

Komatsu's Closed-Center Load Sensing System (CLSS) provides quick response and smooth operation to maximize productivity.

Power and Economy modes better match the duty cycle to the application.

Large LCD color monitor panel:
- 3.5" high resolution screen
- Provides "Ecology Guidance" for fuel efficient operation
- Enhanced attachment control
- Seat belt indicator

Equipment Management Monitoring System (EMMS) continuously monitors machine operation and vital systems to identify machine issues and assist with troubleshooting.

Enhanced working environment
- Mid back, suspension operator seat
- Integrated ROPS cab design (ISO 3741:2008)
- Cab meets ISO Level 1 Operator Protective Guard (OPG) top guard (ISO 10262)
- Aux jack and 12V outlet
- Radio-ready cab

Minimum Swing Radius with swing boom allows the PC45MR and PC55MR to fit in confined spaces at jobsites.

Wide access service doors provide easy access for ground level maintenance.

PPC joystick controls for fine control

Standard auxiliary piping for attachments

Manual selector valve allows the operator to switch between one-way (breaker) and two-way (thumb) flow.

Standard thumb mounting bracket

Chevron-shaped boom cylinder guard provides additional protection.

High strength X-track frame for easy cleaning.

Large diameter swing pin for added durability.

Battery disconnect switch allows a technician to disconnect the power supply before servicing the machine.

Convenient access for maintenance and daily checks.

Tilt up cab or platform for added accessibility.

Komatsu Auto Idle Shutdown

KOMTRAX® equipped machines can send location, SMR and operation maps to a secure website or smart phone utilizing wireless technology. Machines also relay error codes, cautions, maintenance items, fuel levels, fuel consumption, and much more.

Auto Idle lowers fuel consumption.

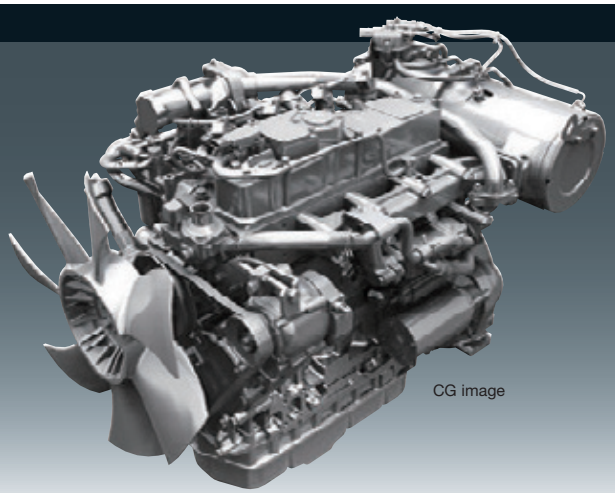
* Thumb is not standard ** All comparisons are to the prior model, unless otherwise stated.

PERFORMANCE FEATURES

NEW ENGINE TECHNOLOGIES

Integrating the Latest Engine Technologies - U.S. EPA Tier 4 Final Emission Regulations-certified Engine

The PC45MR-5 and PC55MR-5 are equipped with a clean engine that complies with the EPA Tier 4 Final emission regulations. The engine uses proven environment friendly technologies such as an exhaust gas aftertreatment system, an electronically-controlled cooled Exhaust Gas Recirculation (EGR) system, and an optimum fuel injection system using a common rail. These technologies, combined with Komatsu's own electronic control system, minimize environmental impact and improve fuel economy.



CG image

Clean & Economical

Komatsu Diesel Particulate Filter (KDPF)

A special catalyst with fuel injection system is used to oxidize and remove particulate matter (PM) deposited in the filter automatically through a process called regeneration. This is a seamless operation.

Heavy-duty cooled Exhaust Gas Recirculation (EGR) system

Part of the exhaust gas is reused for combustion to reduce NOx emissions.

Heavy-duty High-Pressure Common Rail (HPCR) fuel injection system

Injection of pressurized fuel is optimally controlled by a computer for maximum combustion to reduce PM and fuel consumption.

Electronic control system

The engine and hydraulic system are optimally controlled according to the operating conditions. The hydraulic loss reductions also help reduce both fuel consumption and environmental impact.

Fuel consumption Comparison with Komatsu's current models

Reduced Up To 5% Fuel consumption

The average working pattern is analyzed by KOMTRAX. The above data may differ from actual fuel consumption depending on the type of work. The fuel consumption data is based on in-house comparison test results.

Working Mode Selection

Powerful P mode is for heavy workloads and Economy E mode is for lower fuel consumption. Both can be easily selected on the monitor panel depending on the application.

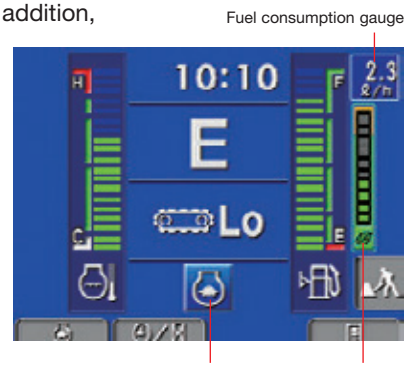
For higher performance **P mode**

For lower fuel consumption **E mode**

Selection screen of two working modes

Ecology Gauge & Fuel Consumption Gauge Assist in Energy-Saving Operation

The monitor screen is equipped with an ecology and fuel consumption gauge. In addition, the operator can set any desired target value of fuel consumption (within the range of the green display), enabling the machine to improve fuel economy.



Auto Idle Shutdown Function Provided as Standard

Auto deceleration and auto-idle-shutdown functions are provided as standard. The auto-deceleration function automatically reduces the engine speed a few seconds after the work equipment lever is moved to the neutral position. The auto-idle-shutdown function* automatically stops the engine after a preset time to reduce unnecessary fuel consumption.

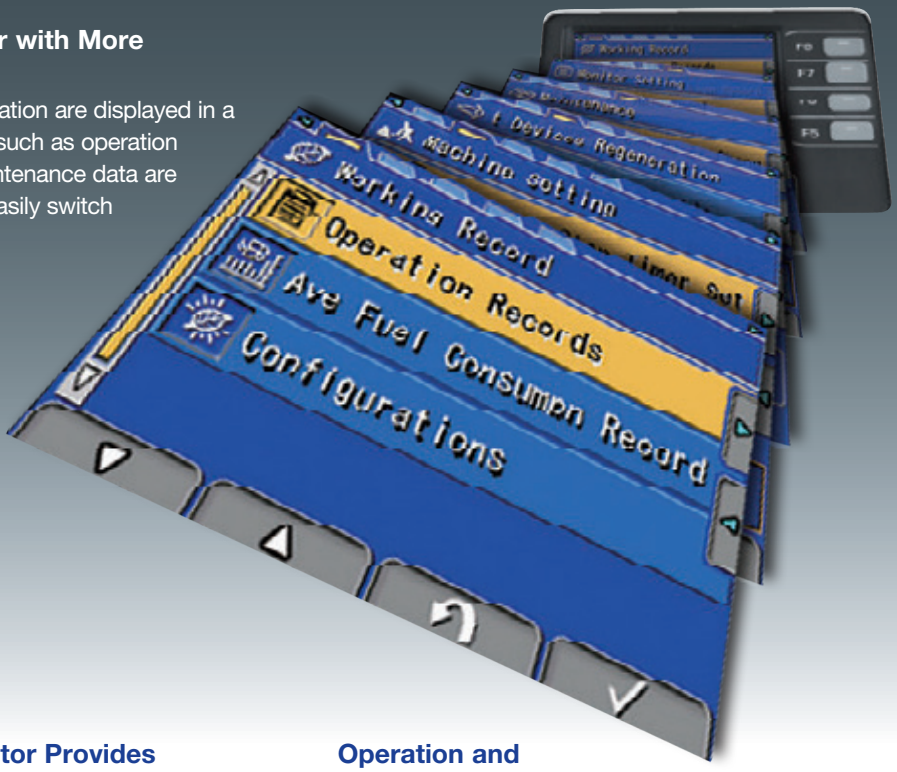
* Default setting is OFF.

MONITOR PANEL

MULTI-FUNCTION MONITOR

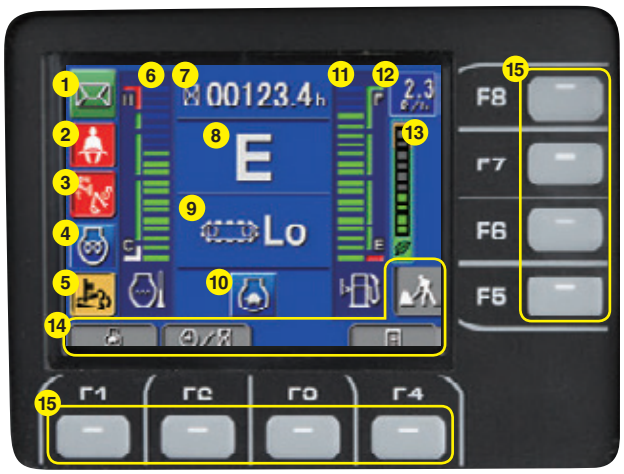
New Multi-Function Monitor with More Information

Various alerts and machine information are displayed in a simple format. Useful information such as operation records, machine setting and maintenance data are also provided. The operator can easily switch screens.



High-definition 3.5" LCD Monitor Provides Excellent Visibility

The high-definition LCD panel is less affected by the viewing angle and surrounding brightness, ensuring excellent visibility.



Indicators, basic operation switches

1. Message
2. Seat belt
3. Work equipment lock
4. Engine preheating
5. KDPF regeneration or KDPF regeneration disable
6. Engine coolant temperature gauge
7. Service meter, clock
8. Working mode
9. Travel mode
10. Auto decelerator
11. Fuel gauge
12. Fuel consumption gauge
13. Ecology gauge
14. Guidance icons
15. Function switches

Operation and Fuel Economy Records

Operation and fuel economy records can be checked on the monitor to support operator training and coaching.

Operation record

Fuel economy record

OPERATOR ENVIRONMENT

TWO-POST ROPS & OPG CANOPY/CAB

Two-Post Canopy Compliant with ROPS and OPG Level 1 (Top Guard)

Equipped with a steel roof, two-post canopy that is ROPS and OPG Level 1 certified, as well as a retractable seat belt, for extra operator peace of mind.

The cab model is also compliant with the ROPS and OPG (Top guard level 1) standards.

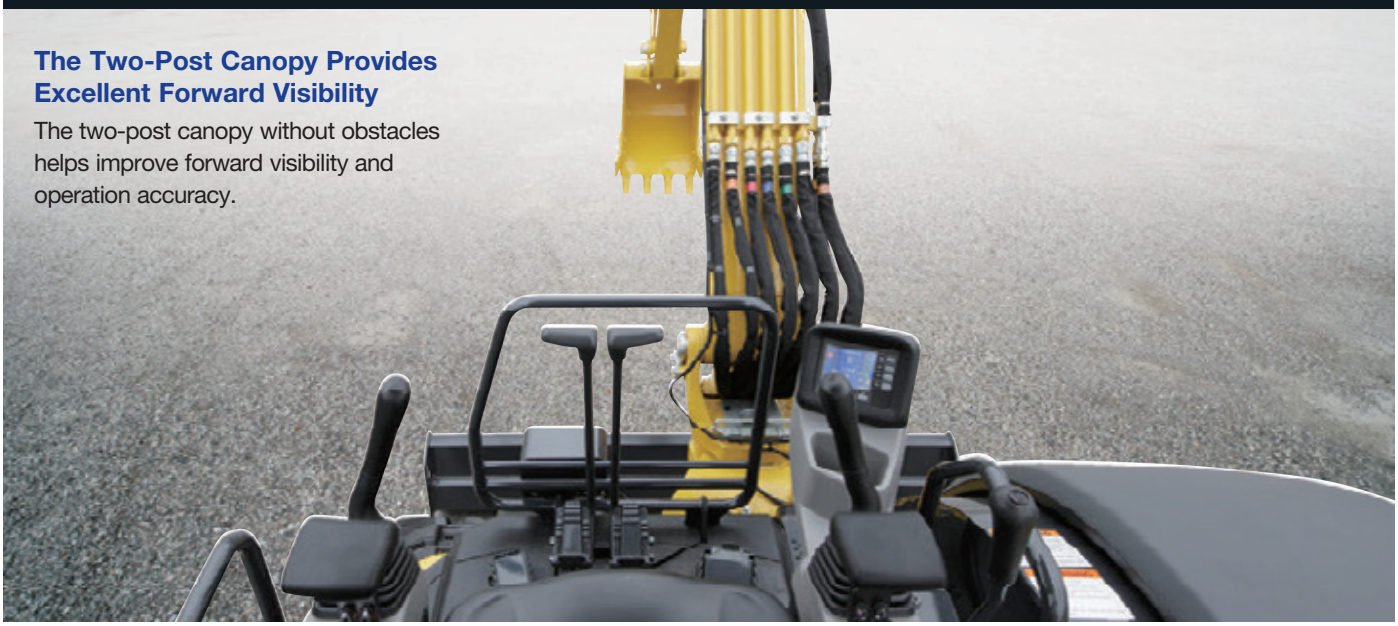
ROPS: Roll-Over Protective Structures
A mechanism to protect the operator with a seat belt in the event of rolling over
Compliant under the test conditions of ISO 3471

OPG: Operator Protective Guards (Top guard)
A mechanism to protect the operator from falling objects
Compliant with top guard level 1 of ISO 10262

EXCELLENT VISIBILITY

The Two-Post Canopy Provides Excellent Forward Visibility

The two-post canopy without obstacles helps improve forward visibility and operation accuracy.



Engine Shut Down Secondary Switch

Engine stop switch added as a secondary way to stop the engine.

Extra-Small Swing Radius Operation in Confined Areas

The extra-small swing radius with minimum rear protrusion from the tracks (60mm for PC45MR-5 and 140mm for PC55MR-5) allows the operator to concentrate on work in confined areas.

Seat Belt Caution Indicator

Alerts the operator if the seat belt is not worn.

Retractable Seat Belt

Added Features

Hydraulic Hose Covers

Pressure hoses with pressurized oil splash covers protect the operator if a hose leaks.

Reflectors

- Thermal guard
- Fan guard
- Accumulator
- Travel alarm

DURABILITY & CONVENIENCE FEATURES

Automatic Travel Speed

The automatic travel speed shift function allows smooth and efficient operation. Pressing a speed selector button on the blade lever chooses auto 2 speed or fixed 1st-speed travel for easy shifting during blade operation.

Dial Type Fuel Control

The dial type fuel control makes operation and engine speed adjustment simple.

Large Vertical Pin and Steel Bushing

A large vertical pin and durable abrasion-resistant steel bushing are used at the boom foot. This helps reduce maintenance over the life of the machine.

Manual Selector Valve

Allows the operator to switch between one-way (breaker) and two-way (thumb) auxiliary hydraulic flow.

More Protection

A chevron-shaped boom cylinder guard is provided.

This design reduces damage to the cylinder caused by interference of the breaker, hitting the dump truck, etc.

A working lamp is provided on the boom bottom.

A working lamp for work equipment is provided on the boom bottom for greater protection.

Travel Lamp is Standard

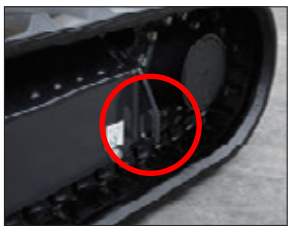
This travel lamp provides increased illumination and visibility during night operation and while traveling.


Canopy


Cab

Large Tiedown Openings for Securing the Machine

Large openings for securing the machine are provided on the track frame and blade, allowing quick and secure transportation of machines.



COMFORT FEATURES

Standard Accessories for Comfortable Work

12 V external power outlet

Accessory tray

Wrist rest

Large cup holder (For canopy)

Spacious and Comfortable Operator's Seat

The two-post canopy provides spacious leg room and a wide forward view. The newly designed high-quality interior with a mid back reclining seat provides more comfortable operation than other similar-sized mini hydraulic excavators.

Seat with a mid height back rest

LARGE OPERATOR CAB (OPTIONAL)

Large Comfortable Cab with Komatsu's Legendary Attention to Detail

The quiet and comfortable, large, rounded cab complies with the ROPS and OPG (Top guard level 1) standards.

Front window with power assist

Sliding window glass (right side)

Reinforced front glass

Rearview mirror

Cup holder (for cab)

Large-capacity air conditioner

The large-capacity air conditioner, superb defrost performance, and optimum air outlet design provide a comfortable environment in the cab all year round.

Heater with fresh air vent

Auxiliary input jack

Radio ready (Std)
AM/FM radio (optional)

Additional working lamp

MAINTENANCE FEATURES

FULLY OPENING ENGINE DOOR & SIDE COVER / TILT-UP OPERATOR COMPARTMENT

Efficient and Effective Maintenance with Wide Access for Daily Inspection and a Tilt-up Floor for Major Service Work

The side opening engine hood and large side cover provide easy access for daily inspections. The cab or platform can be tilted up together with the operator's seat to gain access for major maintenance or repair work.

Tilt-up floor mechanism and full-open cover for the canopy model (PC45MR-5)

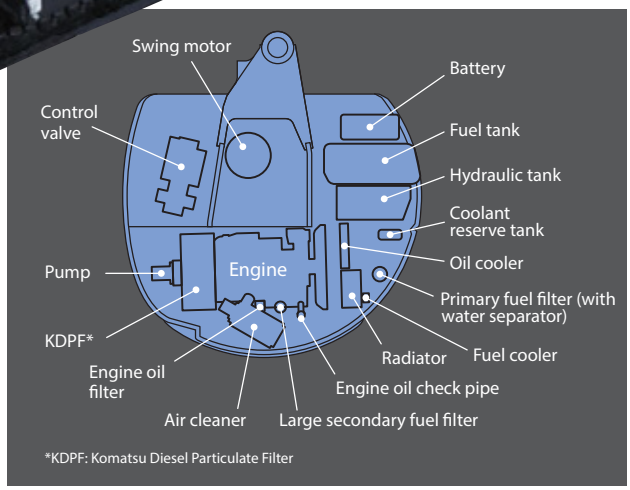
Optimized Design Offers Easy Maintenance and Maximum Uptime

Side-by-side cooling

Radiator and oil cooler are arranged side by side to simplify cleaning, removing and installing. (canopy version shown)

Large oil filler port

Allows easy oil filling.



*KDPF: Komatsu Diesel Particulate Filter

Large fuel filter and fuel pre-filter with water separator protect your investment

A large filter with enhanced filtering performance comes standard. The fuel pre-filter with a water separator removes water and dirt in the fuel.

Large secondary fuel filter

Primary fuel filter (with water separator)

Washable cab floormat

Washable floor mat with edge makes it easy to keep clean.

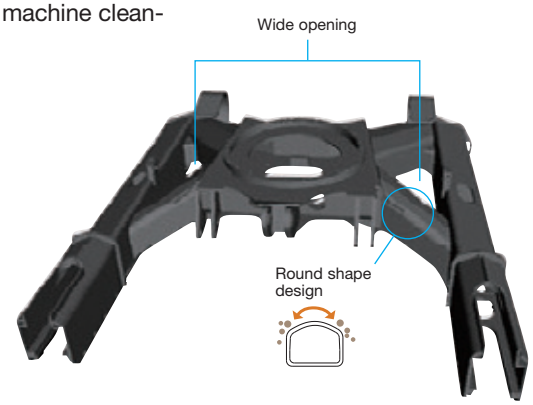
Long-life oil, filter

Long-life oil and a high-performance filter are used. The engine oil and engine oil filter replacement interval is 500 hours. The intervals for hydraulic oil and hydraulic oil filters are 2,000 hours and 1,000 hours, respectively. These long replacement intervals reduce costs and maximize uptime.

Hydraulic oil filter
(Ecology White Plus element)

High strength X-track frame

The X-track frame is a large-hydraulic-excavator concept that deters dirt and debris build up, saving the operator valuable machine clean-up time.



Useful Maintenance Information Displayed in a Simple Format on the Monitor

"Maintenance time caution lamp" display

When the time before maintenance dips under 30 hours*, the maintenance time monitor appears. Pressing the F6 key switches the monitor to the maintenance screen.

* The setting can be changed within the range between 10 and 200 hours.

Maintenance screen

KDPF Regeneration Notification

The LCD color monitor panel provides the operator with status of the KDPF regeneration, without interfering with daily operation.

Aftertreatment device regeneration screen

Tilt-up platform and wide opening doors for the cab model (PC55MR-5)

KOMATSU PARTS & SERVICE SUPPORT

Komatsu CARE® – Extended Coverage

- Extended Coverage can provide peace of mind by protecting customers from unplanned expenses that effect cash flow
- Purchasing extended coverage locks-in the cost of covered parts and labor for the coverage period and helps turn these into fixed costs

* Some exclusions apply. Please contact your Komatsu distributor for specific program details.

Komatsu Parts Support

- 24/7/365 to fulfill your parts needs
- 9 parts Distribution Centers strategically located across the U.S. and Canada
- Distributor network of more than 300 locations across U.S. and Canada to serve you
- Online part ordering through Komatsu eParts
- Remanufactured components with same-as-new warranties at a significant cost reduction

Komatsu Oil and Wear Analysis (KOWA)

- KOWA detects fuel dilution, coolant leaks, and measures wear metals
- Proactively maintain your equipment
- Maximize availability and performance
- Can identify potential problems before they lead to major repairs
- Reduce life cycle cost by extending component life

KOMTRAX EQUIPMENT MONITORING

GET THE WHOLE STORY WITH KOMTRAX®

WHAT

- KOMTRAX is Komatsu's remote equipment monitoring and management system
- KOMTRAX **continuously monitors and records** machine health and operational data
- Information such as fuel consumption, utilization, and a detailed history **lowering owning and operating cost**

WHO

- KOMTRAX is **standard** equipment on all Komatsu construction products

WHEN

- Knowing when machines are **running or idling** can help improve fleet utilization
- Detailed movement records ensure you know when and where your equipment is moved
- Up to date records allow you to **know when maintenance is due** and help you plan for future maintenance needs

WHERE

- KOMTRAX data **can be accessed virtually anywhere** through your computer, the web or your smart phone
- Automatic alerts keep fleet managers up to date on the latest machine notifications

WHY

- Knowledge is power - **make informed decisions** to manage your fleet better
- Knowing your idle time and fuel consumption will help maximize your machine efficiency
- **Take control of your equipment** - any time, anywhere

KOMTRAX®

For construction and compact equipment.

KOMTRAX Plus™

For production and mining class machines.

SPECIFICATIONS

PC45/55MR

ENGINE

Model ..... Komatsu 4D88E-*
Type ..... Water-cooled, 4-cycle, direct injection, cooled EGR
Aspiration ..... Naturally aspirated
Number of cylinders 4
Bore ..... 88 mm **3.46"**
Stroke ..... 90 mm **3.54"**
Piston displacement ..... 2.19 ltr **134 in³**
Horsepower:
SAE J1995 ..... Gross 29.1 kW **39 HP**
ISO 9249 / SAE J1349 ..... Net 28.3 kW **38 HP**
Rated rpm 2400
Fan drive method for radiator cooling ..... Mechanical
Governor ..... All-speed control, electronic
*EPA Tier 4 Final emissions certified

HYDRAULICS

Type ..... HydrauMind (Hydraulic Mechanical Intelligence New Design) system
Number of selectable working modes 2
Main pumps:
Pumps for ..... Boom, arm, bucket, and travel circuits
Type ..... Variable displacement, axial piston
Maximum flow ..... 153.3 ltr/min **40.1 gal/min**
Pumps for ..... Swing and blade
Type ..... Fixed displacement gear
Maximum flow ..... 63 ltr/min **16.6 gal/min**
Hydraulic motors:
Travel ..... 2 x axial piston motor with parking brake
Swing ..... 1 x axial piston motor with swing holding brake
Relief valve setting:
Implement circuits ..... 26.5 MPa 270 kgf/cm² **3,844 psi**
Travel circuit ..... 26.5 MPa 270 kgf/cm² **3,844 psi**
Swing circuit ..... 21.6 MPa 220 kgf/cm² **3,133 psi**
Pilot circuit ..... 3.14 MPa 32 kgf/cm² **455 psi**
Blade circuit (Raise, Lower) 21.6 MPa 220 kgf/cm² **3,133 psi**

Hydraulic cylinders: (Number of cylinders – bore x stroke x rod diameter)
Boom ..... 1–90 mm x 691 mm x 50 mm **3.54" x 27.2" x 1.97"**
Arm (PC45MR-5) ..... 1–80 mm x 649 mm x 50 mm **3.14" x 25.6" x 1.97"**
(PC55MR-5) ..... 1–85 mm x 733 mm x 55 mm **3.35" x 28.9" x 2.17"**
Bucket (PC45MR-5) ..... 1–70 mm x 580 mm x 45 mm **2.76" x 22.8" x 1.77"**
(PC55MR-5) ..... 1–75 mm x 580 mm x 50 mm **2.95" x 22.8" x 1.97"**
Boom swing (PC45MR-5) ..... 1–90 mm x 630 mm x 50 mm **3.54" x 24.8" x 1.97"**
(PC55MR-5) ..... 1–95 mm x 630 mm x 50 mm **3.74" x 24.8" x 1.97"**
Blade ..... 1–110 mm x 140 mm x 50 mm **4.33" x 5.5" x 1.97"**

DRIVES AND BRAKES

Steering control ..... Two levers with pedals
Drive method ..... Hydrostatic
Maximum drawbar pull ..... 42 kN 4280 kgf **9,436 lbf**
Gradeability ..... 30°
Maximum travel speed: High ..... 4.6 km/h **2.9 mph**
(Auto-shift) Low ..... 2.6 km/h **1.6 mph**
Service brake ..... Hydraulic lock
Parking brake ..... Mechanical disc

SWING SYSTEM

Drive method ..... Hydrostatic
Swing reduction ..... Planetary gear
Swing circle lubrication ..... Grease-bathed
Swing brake ..... Hydraulic lock
Swing lock ..... Mechanical disc brake
Swing speed ..... 9 rpm

UNDERCARRIAGE

Center frame ..... X-frame
Track frame ..... Box-section
Track type ..... Sealed
Track adjuster ..... Hydraulic
Number of shoes (each side) 39
Number of carrier rollers (each side) 1
Number of track rollers (each side) 4

COOLANT & LUBRICANT CAPACITY (REFILLING)

Fuel tank ..... 65 ltr **17.2 U.S. gal**
Coolant ..... 8.9 ltr **2.4 U.S. gal**
Engine ..... 8.1 (7.5) ltr **2.2 (2.0) U.S. gal**
Final drive (each side) ..... 0.7 ltr **0.2 U.S. gal**
Hydraulic tank ..... 55 (20) ltr **14.5 (5.3) U.S. gal**

OPERATING WEIGHT (APPROXIMATE)

Operating weight including 2640 mm **8'8"** (PC45MR-5), 2900mm **9'6"** (PC55MR-5) one-piece boom, 1695 mm **5'7"**(PC45MR-5), 1640mm **5'5"** (PC55MR-5) arm, SAE heaped 0.14 m³ **0.18 yd³** (PC45MR-5), 0.16 m³ **0.21 yd³** (PC55MR-5) bucket, blade, rated capacity of lubricants, coolant, full fuel tank, operator, and standard equipment.

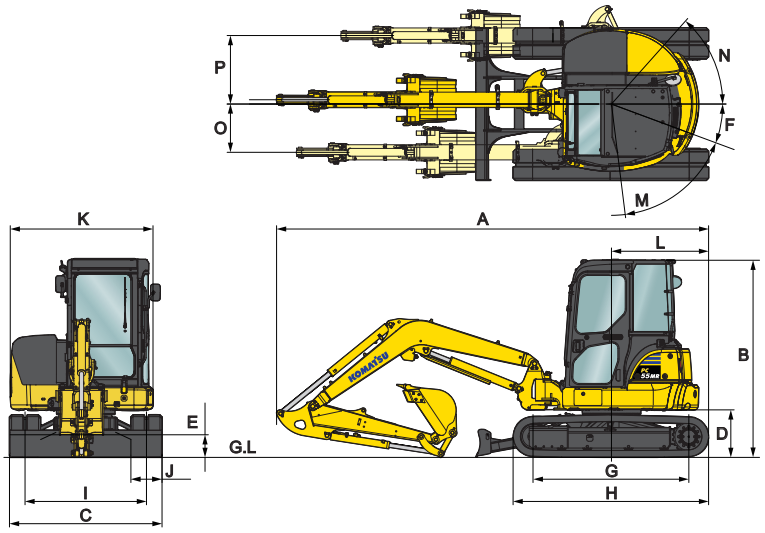
	PC45MR-5			
	ROPS Canopy, Rubber Shoe		ROPS Cab, Rubber Shoe	
Shoes	Operating Weight	Ground Pressure	Operating Weight	Ground Pressure
400 mm **16"**	4870 kg **10,737 lb**	27.4 kPa 0.28 kg/cm² **3.98 psi**	4990 kg **11,001 lb**	28.0 kPa 0.29 kg/cm² **4.12 psi**

	PC55MR-5			
	ROPS Canopy, Rubber Shoe		ROPS Cab, Rubber Shoe	
Shoes	Operating Weight	Ground Pressure	Operating Weight	Ground Pressure
400 mm **16"**	5150 kg **11,354 lb**	28.9 kPa 0.29 kg/cm² **4.12 psi**	5270 kg **11,618 lb**	29.6 kPa 0.30 kg/cm² **4.27 psi**

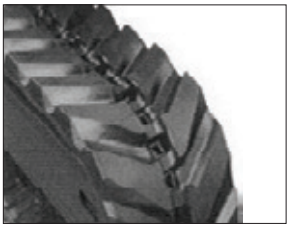
DIMENSIONS

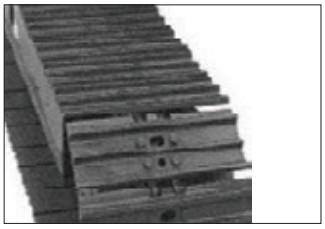
		PC45MR-5		PC55MR-5	
Boom Length		2640 mm	**8'8"**	2900 mm	**9'6"**
Arm Length		1695 mm	**5'7"**	1640 mm	**5'5"**
A	Overall length	5330 mm	**17'6"**	5550 mm	**18'3"**
B	Overall height	2550 mm	**8'4"**	2550 mm	**8'4"**
C	Overall width	1960 mm	**6'5"**	1960 mm	**6'5"**
D	Ground clearance, counterweight	610 mm	**2'0"**	610 mm	**2'0"**
E	Ground clearance (minimum)	290 mm	**11"**	290 mm	**11"**
F	Tail swing radius	1040 mm	**3'5"**	1120 mm	**3'8"**
G	Track length on ground	2000 mm	**6'7"**	2000 mm	**6'7"**
H	Track length	2520 mm	**8'3"**	2520 mm	**8'3"**
I	Track gauge	1560 mm	**5'1"**	1560 mm	**5'1"**
J	Shoe width	400 mm	**1'4"**	400 mm	**1'4"**
K	Machine upper width	1835 mm	**6'0"**	1835 mm	**6'0"**
L	Distance, swing center to rear end	1265 mm	**4'2"**	1265 mm	**4'2"**
M/N	Boom swing angle deg.	LH85/RH50		LH85/RH50	
O	Bucket offset LH	630 mm	**2'1"**	630 mm	**2'1"**
P	Bucket offset RH	880 mm	**2'11"**	880 mm	**2'11"**

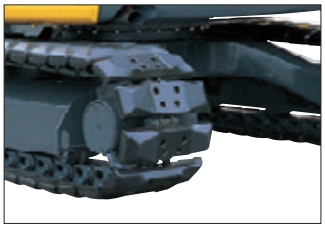
With rubber shoe



THREE TRACK VERSIONS AVAILABLE


Rubber


Steel

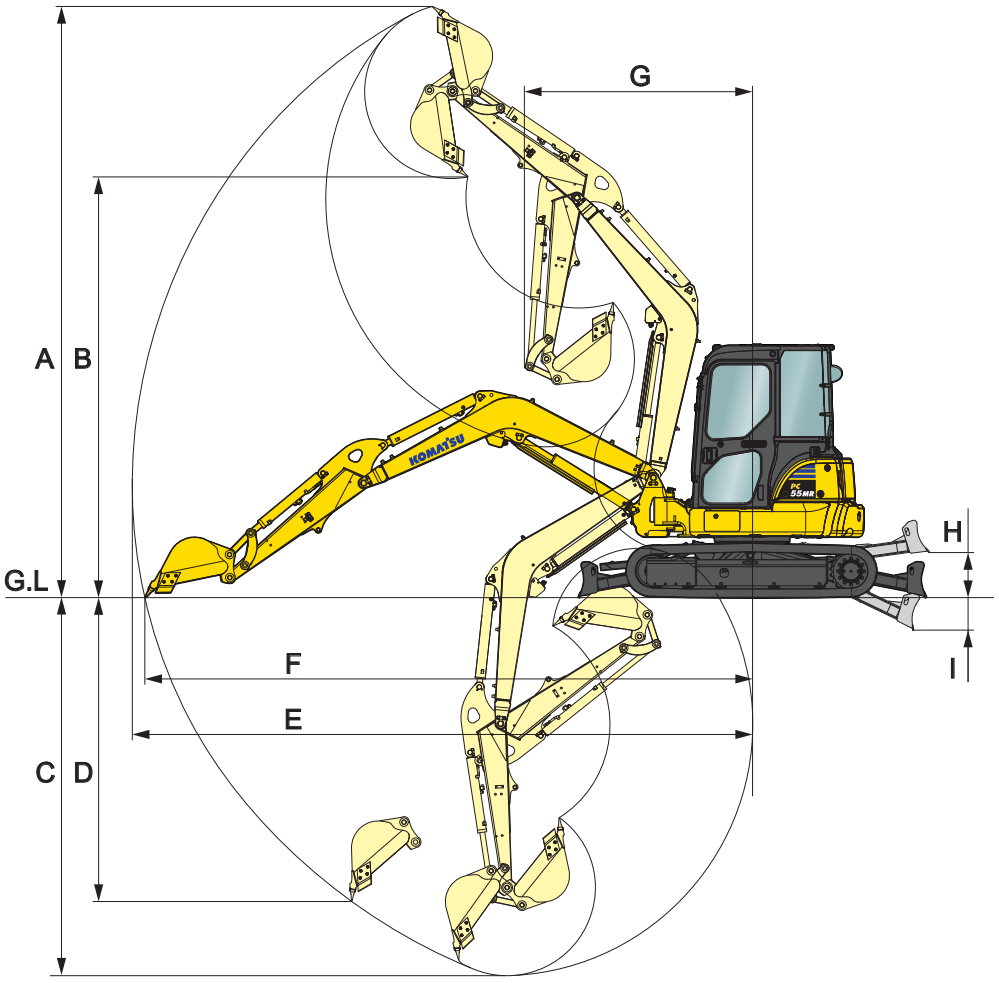

Roadliner

SPECIFICATIONS

WORKING RANGE

		PC45MR-5		PC55MR-5	
	Boom Length	2640 mm	8'8"	2900 mm	9'6"
	Arm Length	1695 mm	5'7"	1640 mm	5'4.5"
A	Maximum digging height	5730 mm	18'9.5"	5915 mm	19'5"
B	Maximum dumping height	4000 mm	13'2"	4200 mm	13'9"
C	Maximum digging depth	3625 mm	11'11"	3770 mm	12'4"
D	Maximum vertical wall digging depth	3070 mm	10'1"	3030 mm	9'11"
E	Maximum digging reach	6040 mm	19'10"	6220 mm	20'5"
F	Maximum digging reach at ground	5895 mm	19'4"	6075 mm	19'11"
G	Minimum swing radius (when boom swings)	2380 (1840) mm	7'10" (6'0")	2285 (1760) mm	7'6" (5'9")
H	Maximum blade lift	430 mm	1'5"	430 mm	1'5"
I	Maximum blade depth	330 mm	1'1"	330 mm	1'1"
ISO Rating	Bucket digging force	33.9 kN 3460 kg **7,628 lbs**		39.0 kN 3980 kg **8,774 lbs**	
ISO Rating	Arm crowd force	20.3 kN 2070 kg **4,564 lbs**		23.9 kN 2440 kg **5,379 lbs**	

With rubber shoe



PC45MR-5 LIFTING CAPACITY

A: Reach from swing center
B: Bucket hook height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side
⊗: Rating at maximum reach

- **Boom:** 2640 mm **8'8"**
- **Arm:** 1695 mm **5'7"**
- **Bucket:** 0.14 m³ **0.18 yd³** SAE heaped
- **Bucket weight:** 109 kg **240 lbs**
- **Shoe:** 400 mm **16"**
- **Rubber shoe**
- **Blade on ground**

PC45MR-5 **Unit:** kg **lb**

A / B	2.0 m **6.5'**		3.0 m **10'**		⊗ **MAX**	
	Cf	**Cs**	**Cf**	**Cs**	**Cf**	**Cs**
3.0 m **10'**					745 **1640**	465 **1025**
2.0 m **6.5'**			1150 **2535**	1100 **2425**	755 **1660**	425 **935**
1.0 m **3.25'**			1655 **3645**	1010 **2225**	620 **1365**	405 **890**
0 m **0'**	1420 **3130**	1420 **3130**	2295 **5060**	950 **2090**	960 **2115**	415 **910**
-1.0 m **-3.25'**	2430 **5355**	1805 **3975**	2350 **5180**	930 **2050**	1170 **2575**	475 **1045**

*Load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO standard No. 10567. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

PC55MR-5 LIFTING CAPACITY

A: Reach from swing center
B: Bucket hook height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side
⊗: Rating at maximum reach

- **Boom:** 2900 mm **9'6"**
- **Arm:** 1640 mm **5'5"**
- **Bucket:** 0.16 m³ **0.21 yd³** SAE heaped
- **Bucket weight:** 109 kg **240 lbs**
- **Shoe:** 400 mm **16"**
- **Rubber shoe**
- **Blade on ground**

PC55MR-5 **Unit:** kg **lb**

A / B	2.0 m **6.5'**		3.0 m **10'**		⊗ **MAX**	
	Cf	**Cs**	**Cf**	**Cs**	**Cf**	**Cs**
3.0 m **10'**					850 **1870**	520 **1145**
2.0 m **6.5'**			1330 **2930**	1205 **2655**	890 **1960**	455 **1000**
1.0 m **3.25'**			1975 **4350**	1095 **2410**	945 **2080**	435 **955**
0 m **0'**	1530 **3370**	1530 **3370**	2290 **5045**	1040 **2290**	1005 **2215**	445 **980**
-1.0 m **-3.25'**	2750 **6060**	2000 **4405**	2270 **5000**	1030 **2270**	1085 **2390**	500 **1100**

*Load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO standard No. 10567. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

STANDARD EQUIPMENT

ENGINE
- Air cleaner, double element with auto dust evacuator
- Cooling fan, suction type
- Side by side cooling package

ELECTRICAL SYSTEM
- Alternator, 12 V/55 A
- Auto deceleration
- Battery, 1 x 12 V/72 Ah
- Starting motor 12 V/2.3 kW
- Working light on boom
- Working light on cab or canopy

HYDRAULIC SYSTEM
- Auxiliary hydraulics with selector valve

GUARDS AND COVERS
- Fan guard structure
- Thermal guard

UNDERCARRIAGE
- Shoe, 400 mm **16"** rubber shoe

OPERATOR ENVIRONMENT
- 12 V x 1 power supply
- Automatic two-speed travel control
- Lock lever auto lock function
- Monitor panel, **3.5"** color display
- Operator identification function
- Rear view mirrors (RH, LH, rear)
- Seat belt, 76 mm **3"** retractable
- Suspension seat (mid height)
- Travel alarm
- Travel lamp
- Two-post ROPS canopy

WORK EQUIPMENT
- Arm
  - — 1695 mm **5'7"** arm assembly with piping (PC45MR-5)
  - — 1640 mm **5'4.5"**arm assembly with piping (PC55MR-5)
- Backfill blade
- Boom
  - — 2640 mm **8'8"** boom assembly with piping (PC45MR-5)
  - — 2900 mm **9'6"** boom assembly with piping (PC55MR-5)

OTHER EQUIPMENT
- Auto idle shutdown function
- KOMTRAX® Level 5 - cellular based
- Swing holding brake

OPTIONAL EQUIPMENT

UNDERCARRIAGE
- Road Liner track (400 mm **16"**)
- Steel track (400 mm **16"**)

OPERATOR ENVIRONMENT
- Cab with air conditioner, radio ready, auxiliary input (3.5 mm jack) ready

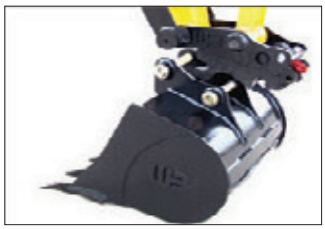
WORK EQUIPMENT
- Wide variety of attachments

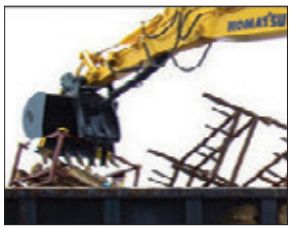
For a complete list of available attachments, please contact your local Komatsu distributor.


Ditching Grading Bucket

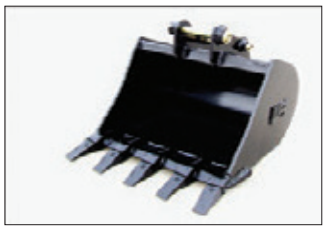

Thumb with Slabs


Hydraulic Thumb


Coupler


Thumb with Scrap


Thumb with Culvert


Heavy Duty Bucket


Tilting D-G Bucket

Komatsu program items shown. Distributor attachments may vary.

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Note: All comparisons and claims of improved performance made herein are made with respect to the prior Komatsu model unless otherwise specifically stated.

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