

## LIFTING CAPACITY

PC58UU-3 Arm : 1620mm 5'4" Bucket width : 610mm 24.0" Shoe width : 400mm 15.7" Blade on ground Unit : kg lb								
	1.5m 5'		3.0m 10'		4.6m 15'		Maximum	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
4.6m			*1380	*1380			*1030	*1030
15'			*3050	*3050			*2290	*2290
3.0m			*1530	*1530	*1000	760	*990	660
10'			*3380	*3380	*2200	1690	*2200	1450
0.0m	*1400	*1400	*2290	1230	*1470	650	*1360	500
0'	*3080	*3080	*5060	2710	*3250	1430	*3010	1110
-1.5m	*1050	610	*2110	1170			*1410	610
-5'	*2320	1350	*4660	2590			*3110	1350

\*Load is limited by hydraulic capacity rather than tipping. Rated loads do not exceed 87% of hydraulic capacity or 75% of tipping load.

PC58UU-3 Arm : 1620mm 5'4" Bucket width : 610mm 24.0" Shoe width : 400mm 15.7" Blade on ground Additional counterweight								
	1.5m 5'		3.0m 10'		4.6m 15'		Maximum	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
4.6m			*1380	*1380			*1030	*1030
15'			*3050	*3050			*2290	*2290
3.0m			*1530	*1530	*1000	830	*990	720
10'			*3380	*3380	*2200	1840	*2200	1580
0.0m	*1400	*1400	*2290	1340	*1470	720	*1360	560
0'	*3080	*3080	*5060	2970	*3250	1580	*3010	1230
-1.5m	*1050	680	*2110	1290			*1410	670
-5'	*2320	1500	*4660	2850			*3110	1490

\*Load is limited by hydraulic capacity rather than tipping. Rated loads do not exceed 87% of hydraulic capacity or 75% of tipping load.

PC58UU-3 Arm : 2070mm 6'9" Bucket width : 563mm 22.2" Shoe width : 400mm 15.7" Blade on ground								
	1.5m 5'		3.0m 10'		4.6m 15'		Maximum	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
4.6m					*1090	620	*2020	840
15'					*2410	1370	*910	1850
3.0m			*1260	*1260	*1110	740	*880	510
10'			*2790	*2790	*2450	1630	*1950	1130
0.0m	*1470	*1470	*2140	1160	*1370	580	*1170	370
0'	*3250	*3250	*4720	2560	*3020	1280	*2580	830
-1.5m	*2370	*2370	*2110	1060	*1280	540	*1230	440
-5'	*5220	*5220	*4660	2340	*2840	1190	*2720	980

\*Load is limited by hydraulic capacity rather than tipping. Rated loads do not exceed 87% of hydraulic capacity or 75% of tipping load.

PC58UU-3 Arm : 2070mm 6'9" Bucket width : 563mm 22.2" Shoe width : 400mm 15.7" Blade on ground Additional counterweight								
	1.5m 5'		3.0m 10'		4.6m 15'		Maximum	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
4.6m					*1090	680	*910	910
15'					*2410	1510	*2020	2000
3.0m			*1260	*1260	*1110	810	*880	570
10'			*2790	*2790	*2410	1780	*1950	1250
0.0m	*1470	*1470	*2140	1270	*1370	640	*1170	420
0'	*3250	*3250	*4720	2820	*3020	1430	*2580	940
-1.5m	*2370	*2370	*2110	1170	*1280	610	*1230	500
-5'	*5220	*5220	*4660	2590	*2840	1340	*2720	1110

\*Load is limited by hydraulic capacity rather than tipping. Rated loads do not exceed 87% of hydraulic capacity or 75% of tipping load.

### STANDARD EQUIPMENT

- Air cleaner, single element
- Cooling fan, suction type
- TOPS Canopy
- Travel alarm
- Rearview mirror
- Suspension seat
- Seat belt 3"
- Bucket interference prevention system
- Depth measurement system
- Blade
- Arm, -1620mm 5'4" arm assembly
- Shoes, -400mm 15.7" Rubber

### OPTIONAL EQUIPMENT

- Air cleaner, double element
- TOPS cab
- Cab heater
- Air conditioner
- Ashtray
- Window washer, front
- Rigid seat
- Arm, -2070mm 6'9" arm assembly
- Shoes, -400mm 15.7" Road Liner
- -400mm 15.7" Triple grouser

PC58UU-3		Bucket Capacity m <sup>3</sup> yd <sup>3</sup>					
Without Sidecutter	mm in	0.055 0.07	0.13 0.17	0.16 0.21	0.22 0.29		
With Sidecutter	mm in	300 12	410 16	580 23	610 24		
		370 15	480 18	650 26	680 27		

www.Komatsu.com

Printed in Japan 200511 IP.AD(10)

# KOMATSU®

CEN00035-01

Materials and specifications are subject to change without notice.  
**KOMATSU** is a trademark of Komatsu Ltd, Japan.

**FLYWHEEL HORSEPOWER**

**29.4 kW 40 HP @ 2400 rpm**

**OPERATING WEIGHT**

**5230 kg 11540 lb**

**BUCKET CAPACITY**

**0.22 m<sup>3</sup> 0.29 yd<sup>3</sup>**

# KOMATSU®

## PC58UU-3

**PC  
58UU**



Photos may include optional equipment.

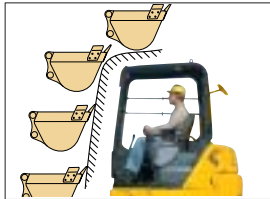
## COMPACT HYDRAULIC EXCAVATOR

**Utility**

# PRODUCTIVITY FEATURES

## Bucket interference prevention system

The bucket automatically stops itself from contact with the cab/canopy. During operation, an alarm sounds and the equipment is stopped if the bucket gets too close to contact. This feature helps maintain operator confidence, which can increase productivity.



## Height Limiter

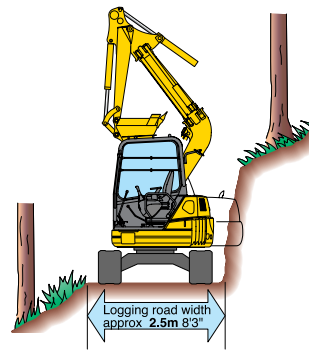
An adjustable boom height limiter can be set prior to operation. When the boom reaches the pre-set height limit, an alarm will sound and the boom automatically stops. This function can help increase productivity by letting operators focus more on digging in tight or confined spaces.

## Digital Depth Display

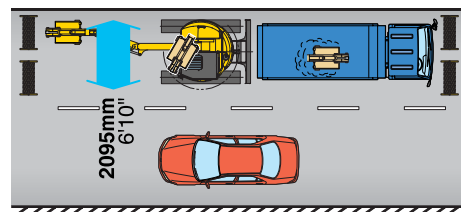
Ditching, trenching, or digging is even more efficient with this automatic depth measurement system. Informing the operator of dig depth from ground level (absolute depth) and the depth from any pre-set point (relative depth) enables work to go much more smoothly and efficiently. This lessens the need for the operator to stop operation or leave the cab after each adjustment, which also increases productivity.



## Road Construction



## Road & Bridge Work



**Tight implement swing and tail swing for superb operability in confined areas**

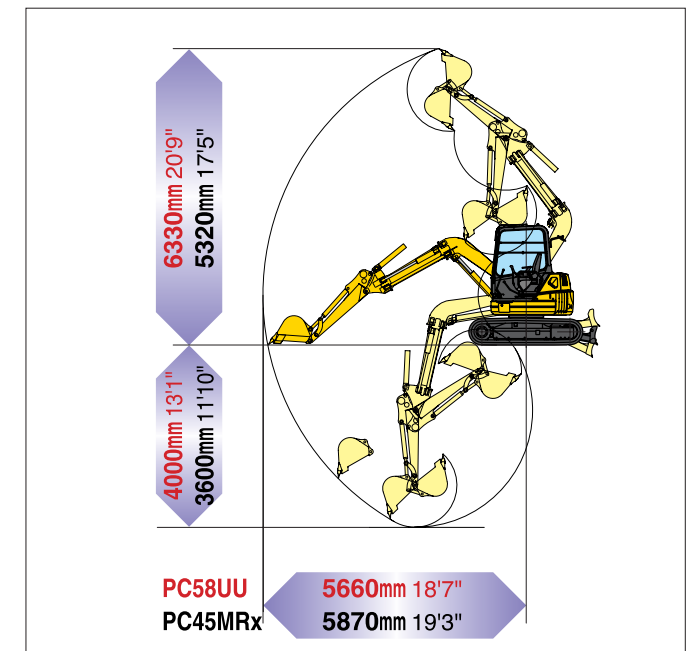


## New pressure-compensated CLSS hydraulic system HydrauMind

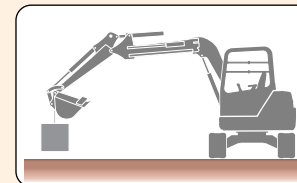
Even when 2 or more actuators are operated simultaneously, the PC58UU-3's pressure-compensated CLSS system ensures that each actuator works according to its control input without affecting the size of the load. This gives the operator precise control at all times.

## Back fill blade

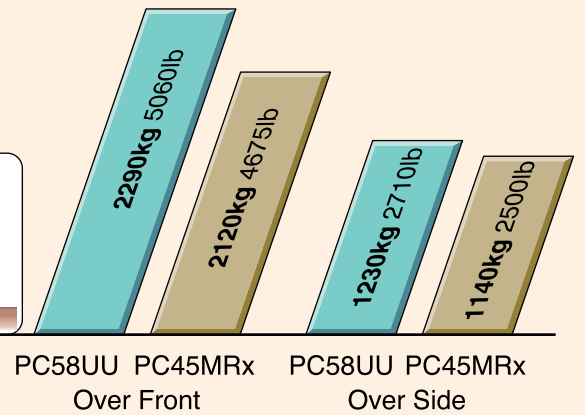
The PC58UU features a standard back fill blade that can quickly and conveniently fill trenches and clear up jobsites.



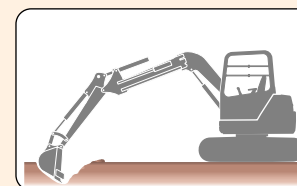
## Higher lifting capacity



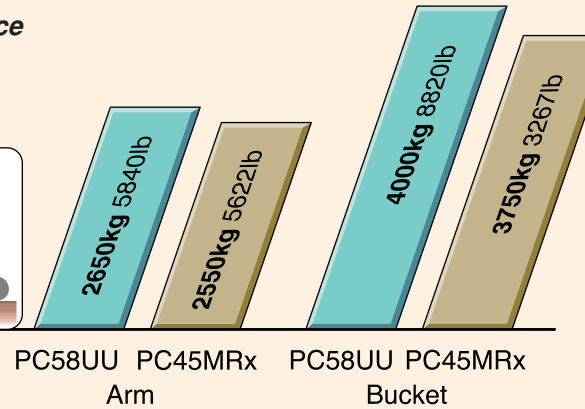
Reach: 3m 10'  
Bucket hook high: 0m 0'  
Blade on ground



## Powerful digging force



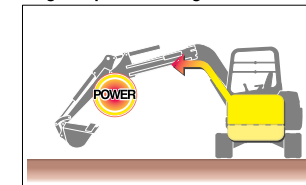
Reach: 3m 10'  
Bucket hook high: 0m 0'  
Blade on ground



## Engine speed sensing=Optimum Power

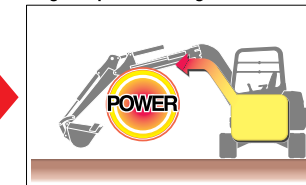
Power utilized by main pump is adjusted automatically in accordance with the engine speed. That means this computerized system keeps engine speed even under high load condition.

### Engine speed sensing not installed



Engine speed can be dropped under high load condition. Maximum pump power must be limited to prevent engine speed down.

### Engine speed sensing installed



Engine speed is maintained even under high load condition. Pump can utilize full potential power of engine all the time.

# OPERATOR ENVIRONMENT

# EASY MAINTENANCE

## Spacious and comfortable operator area



**Reclining suspension seat and seatbelt**  
Easy-to-clean, durability and ability to recline keeps operator comfortable.

## Pressure Proportional Control lever



The control lever uses a fine-response PPC, to translate even the most subtle hand signals into motion. Short lever throw ensures comfortable operation.

## Monitor panel



Engine-neutral-start function

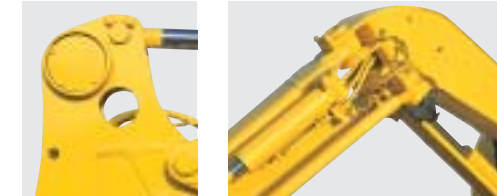
Engine hood can be opened and closed even in confined areas



Wide-opening side hood makes everyday inspection simpler

## Hydraulic hoses built in

## Thin potentiometer adopted and built in



## One fuel system inspection window for fast and easy maintenance



## Control Pattern change Valve (optional)

Whether you are comfortable with ISO or SAE control patterns, you can easily and consciously change from one to the other.



## Inclining track frame



The track frame is sloped so that dirt will not be accumulate and can be removed easily.

## Large fuel filler port with strainer



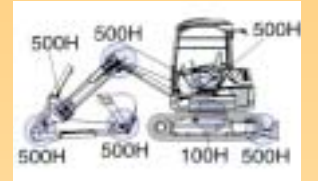
Larger opening reduces fuel back splash.

## Easy Daily Check

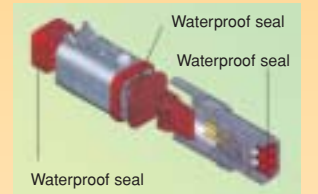
- ✓ Air cleaner with easily replaceable element
- ✓ Aluminum oil cooler and radiator are corrosion resistant and easy to clean
- ✓ Battery inspection window enables instant check of liquid level
- ✓ Large and accessible toolbox
- ✓ Control valve can be easily inspected
- ✓ Window washer tank is easy to check and refill

## Reliability

### Greasing intervals



### DT connector



Water-resistant DT connectors are used for the parts which water will be splashed over.

### Face seal



O-ring face seals having high sealing performance are used for the hydraulic piping joints.

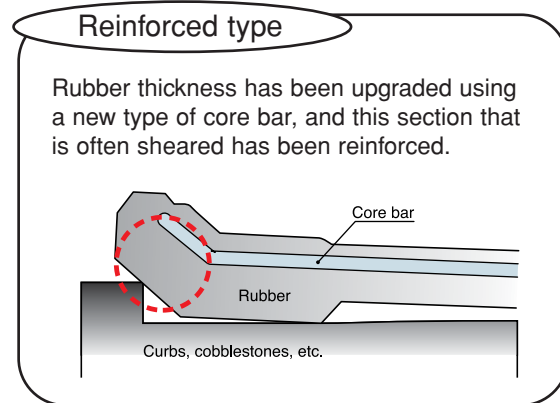
# OPTION

## ROADLINER

Ideal performance has been achieved with combining the merits of rubber and the strengths of steel in the new Road Liner shoes. **Road Liners can last up to twice as long as rubber tracks under most normal operating conditions.**

Similar to all rubber tracks, pavement is not easily damaged.

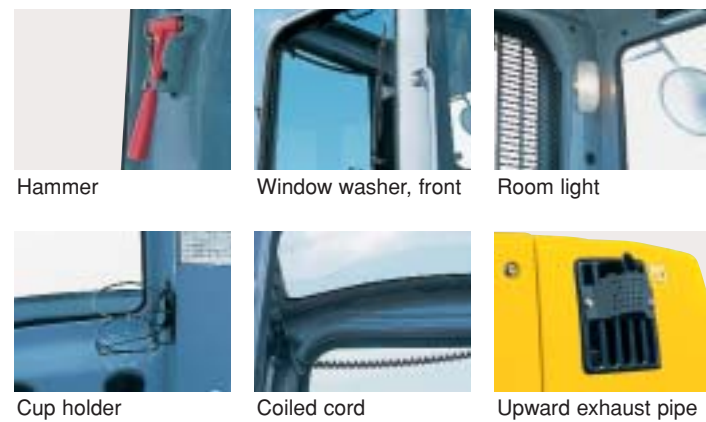
Replacement is fast and easy. Wide-ranging cost reductions are possible by replacing only the damaged or worn-out shoes, which differs from the need to replace a full rubber or steel track.



## TOPS CAB



**Upper-rail type sliding door opens and closes smoothly even in tight working conditions.**



# SPECIFICATIONS

### ENGINE

Model	Komatsu 4D88E-5
Type	Water-cooled, 4-cycle, direct injection
Number of cylinders	4
Piston displacement	<b>2.189 ltr</b> 133.6 in <sup>3</sup>
Flywheel horsepower	
ISO 9249 / SAE J1349	Net <b>29.4 kW</b> 40 HP @ 2400 rpm

### HYDRAULIC SYSTEM

Type	HydraMind (Hydraulic Mechanical Intelligence New Design) system, Closed-center system with load-sensing valve and pressure-compensated valve
Main pump:	
Type	Variable displacement, axial piston
Maximum flow	<b>51 ltr/min x 2 = 102 ltr/min</b> 27 USgal/min
Type	Fixed displacement gear
Maximum flow	<b>33 ltr/min</b> 8.7 USgal/min
Auxiliary Hydraulic Flow	<b>50 ltr/min</b> 13.2 USgal/min
Valve rating :	
Relief valve setting	<b>26.0 MPa</b> 265 kg/cm <sup>2</sup> 3768 psi
Bucket digging force (ISO)	<b>39.2 kN</b> 4000 kgf 8820 lb
Arm crowd force	
With Arm length 1620 mm 5'3.8"	<b>26.0 kN</b> 2650 kgf 5840 lb

### ELECTRIC SYSTEM

Operating voltage	12 V
Battery	64 Ah
Alternator	40 A
Starter	2.0 kW

### SWING SYSTEM

Driven method	Hydrostatic
Swing speed	10.0 rpm
180-degree swing width	<b>2095 mm</b> 6'10"

### DRIVES AND BRAKES

Steering control	Two levers
Drive method	Fully hydrostatic
Hydraulic motors	Variable displacement, axial piston motors
Maximum drawbar pull	<b>45.6 kN</b> 4650 kgf 10251 lb
Maximum travel speed: High	<b>4.5 km/h</b> 2.8 mph
Low	<b>2.7 km/h</b> 1.7 mph
Parking brakes	Mechanical disc

### UNDERCARRIAGE

Track Adjustment of the track tension	Grease
Number of shoes	39 each side
Number of carrier rollers	1 each side
Number of track rollers	5 each side
Ground Pressure	<b>30.4 kPa</b> 0.31 kg/cm <sup>2</sup> 4.4 psi

### OPERATING WEIGHT (APPROXIMATE)

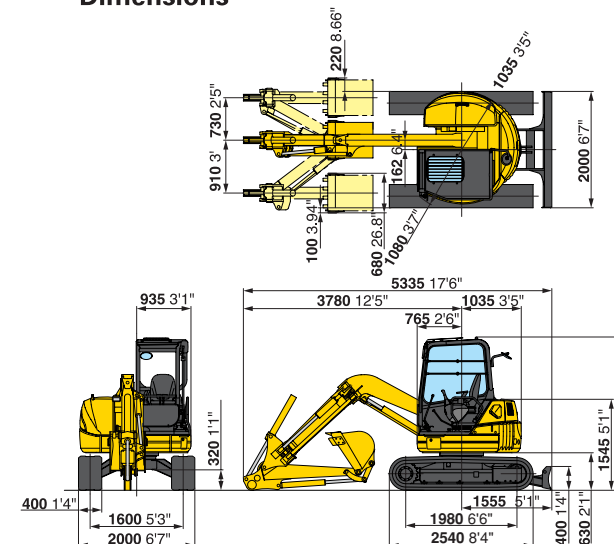
Operating weight including **1620 mm** 5'4" arm, bucket with **0.22 m<sup>3</sup>** 0.29 yd<sup>3</sup> ISO 754 capacity, blade, operator weight, liquids, full fuel tank, and standard equipment.

PC58UU-3	Shoe Width	Operating Weight
With TOPS Canopy	<b>400 mm</b> 15.7"	<b>5230 kg</b> 11,540 lb
With TOPS Cab	<b>400 mm</b> 15.7"	<b>5290 kg</b> 11,670 lb

### COOLANT AND LUBRICANT CAPACITY

Fuel tank	<b>80 ltr</b> 21.1 USgal
Radiator	<b>6.5 ltr</b> 1.7 USgal
Engine Oil (Exchange)	<b>9.1(8.7) ltr</b> 2.4(2.3) USgal
Hydraulic tank	<b>64.0(38.0) ltr</b> 16.9(10.0) USgal

### Dimensions



### Working Range

