

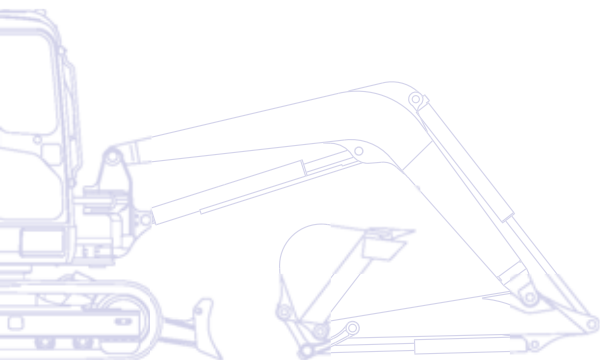
# KOMATSU

PRELIMINARY



**KOMTRAX**

## Midi-Excavator **PC88MR-8**



**NET HORSEPOWER**  
49 kW / 65 HP @ 1.950 rpm

**OPERATING WEIGHT**  
8.100 - 8.750 kg

**BUCKET CAPACITY**  
0,09 - 0,34 m<sup>3</sup>

# Midi-Excavator

## PC88MR-8

### ENGINE

Model ..... Komatsu SAA4D95LE-5  
 Type..... low emission, direct injection  
 Displacement.....3.260 cm<sup>3</sup>  
 Bore x stroke..... 95 mm x 115 mm  
 No. of cylinders ..... 4  
 Rated capacity ..... 49 kW / 65 HP (SAE J1349)  
 at engine speed ..... 1.950 rpm  
 Air cleaner .....dry, double element type air cleaner with  
 dust indicator and auto-dust evacuator

### HYDRAULIC SYSTEM

Type.....HydraMind. Closed-centre system with load sensing  
 and pressure compensation valves

#### Main pumps:

Pump for.....boom, arm, bucket and travelling  
 Type ..... variable displacement, axial piston  
 Max. flow ..... 160 ltr/min  
 Pump for..... swing and blade  
 Type ..... fixed displacement gear pump  
 Max. flow .....70 ltr/min

#### Hydraulic motors:

Travel..... 2 x axial piston motor with parking brake  
 Swing..... 1 x axial piston motor with swing holding brake

#### Relief valve settings:

Travel and work equipment ..... 26,5 MPa (270 kg/cm<sup>2</sup>)  
 Swing and blade ..... 21,1 MPa (215 kg/cm<sup>2</sup>)

#### Hydraulic cylinders (No. of cylinders – bore x stroke):

Boom ..... 1 - 65 x 988 mm  
 Arm ..... 1 - 60 x 861 mm  
 Bucket..... 1 - 55 x 710 mm  
 Boom swing..... 1 - 60 x 638 mm  
 Blade..... 1 - 65 x 200 mm

### TRANSMISSION

Steering control..... 2 levers with pedals  
 Drive method ..... fully hydrostatic  
 Max. drawbar pull.....66,9 kN (6.820 kgf)  
 Max. travel speeds Lo / Hi ..... 2,9 - 5,1 km/h  
 Service brake.....hydraulic lock  
 Parking brake ..... mechanical discs

### UNDERCARRIAGE

Construction.....X-frame centre section with  
 box section track-frames  
 Number of shoes (for each side) ..... 39  
 Number of carrier roller (for each side)..... 1  
 Number of track rollers (for each side)..... 5

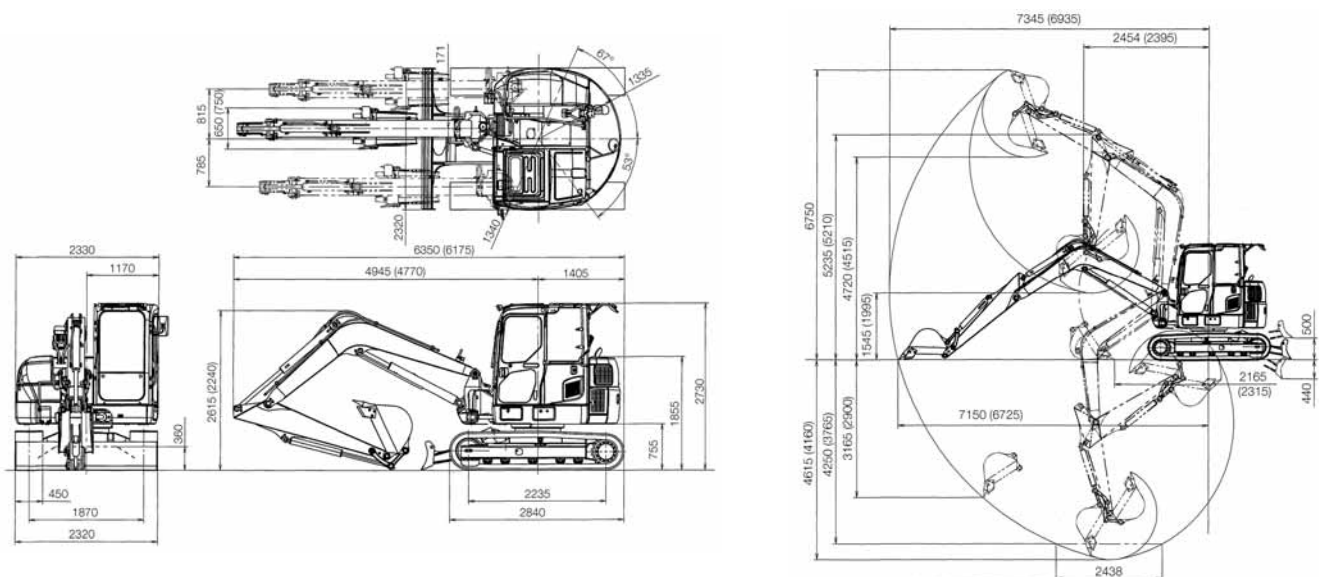
### SERVICE CAPACITIES

Fuel tank ..... 125 ltr  
 Radiator ..... 10 ltr  
 Engine oil ..... 11,5 ltr  
 Hydraulic oil tank ..... 100 ltr

### OPERATING WEIGHT

Operating weight, including 3.405 mm one-piece boom, 1.650 mm  
 arm, 0,28 m<sup>3</sup> bucket (SAE), blade, 80 kg operator, liquids, filled tank  
 and standard equipment (ISO 6016):

Shoes (mm)	Operating weight (kg)	Ground pressure (kg/cm <sup>2</sup> )
450	8.225	0,37
600	8.395	0,29



– PRELIMINARY VERSION. ALL DATA NON-BINDING. –