

KOMATSU®

FLYWHEEL HORSEPOWER
29.4 kW **39.4 HP** @ 2350 rpm

OPERATING WEIGHT
4790 kg **10,560 lb**

INTRODUCTORY

PC40MR-2



Photo may show optional equipment

New Compact-Size Tight Tail Swing Model

- The Newest Member of the MR "Tight Tail + Swing Boom" Family
- Excellent for Work in Confined Areas
- Provides for Safer Operation and Greater Productivity
- Large entrance and foot space for comfortable operation
- Tilt-up operator component for easy access



ENGINE

Model Komatsu 4D88E-5
 Type Water-cooled, 4-cycle, direct injection
 Number of cylinders 4
 Piston displacement 2.189 ltr **134 in³**
 Flywheel horsepower 29.4 kW **39.4 HP** @ 2350 rpm
 (SAE J1349 NET)



HYDRAULIC SYSTEM

Type HydrauMind (Hydraulic Mechanical Intelligence New Design) system, closed-center system with load-sensing and pressure compensated valves

Main pump:

Type Variable displacement axial piston
 Maximum flow 51 ltr x 2=102 ltr/min **26.9 U.S. gal/min**
 Type for machine with blade Fixed displacement gear
 Maximum flow 32 ltr/min **8.5 U.S. gal/min**
 Auxiliary hydraulic flow 70 ltr/min **18.5 U.S. gal/min**

Valve rating:

Relief valve setting: 270 kg/cm² **3,840 psi**
 Bucket digging force (ISO) 3460 kg **7,630 lb**

Arm crowd force

With arm length 1440 mm 4'9" 2200 kg **4,850 lb**



ELECTRICAL SYSTEM

Operating voltage 12V
 Battery 72 Ah
 Alternator 40 A
 Starter 2.3 kW

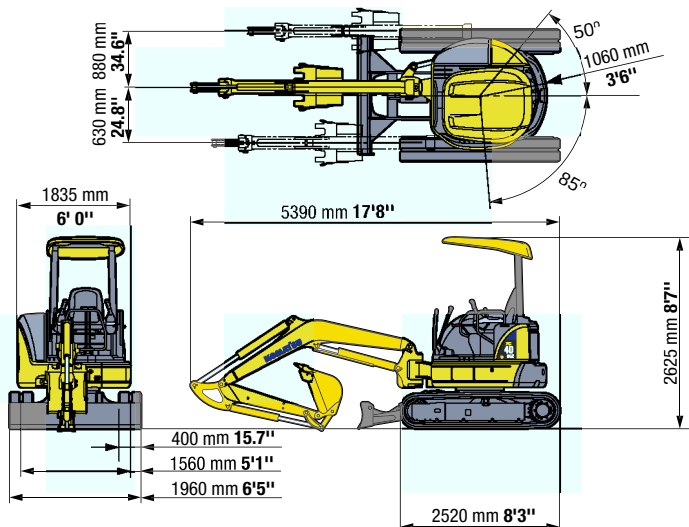


SWING SYSTEM

Driven method Hydrostatic
 Swing speed 9 rpm



DIMENSIONS



DRIVES AND BRAKES

Steering control Two levers with pedals
 Drive method Hydrostatic
 Hydraulic motors Variable displacement, axial piston motors
 Maximum drawbar pull 42.0 kN (4280 kg) **9,435 lb**
 Maximum travel speed: High 4.6 km/h **2.9 mph**
 (Auto-Shift) Low 2.8 km/h **1.7 mph**
 Parking brakes Hydraulic lock



UNDERCARRIAGE

Track adjustments of the track tension Grease
 Number of carrier rollers 1 each side
 Number of track rollers (each side): 4 each side
 Ground Pressure 0.28 kg/cm² **4.0 psi**



COOLANT AND LUBRICANT CAPACITY (REFILLING)

Fuel tank 65 ltr **17.2 U.S. gal**
 Radiator 7.3 ltr **1.9 U.S. gal**
 Engine Oil (Exchange) 7.4–8.0 ltr **2.0–2.1 U.S. gal**
 Hydraulic (Exchange) 20–55 ltr **5.3–14.5 U.S. gal**



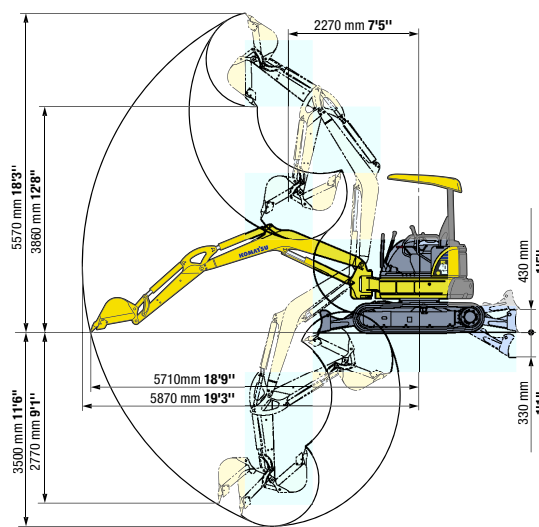
OPERATING WEIGHT (APPROXIMATE)

Operating weight including 1440 mm 4'9" arm, bucket with 0.14 m³ **0.18 yd³** ISO 754 capacity, blade, operator weight, liquids, full fuel tank, and standard equipment.

PC40MR-2	Shoe Width	Operating Weight
With blade	400 mm 15.7"	4,790 kg 10,560 lb



WORKING RANGE



KUSS158-00

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DK10 (Electronic View)

10/03 (EV-1)

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