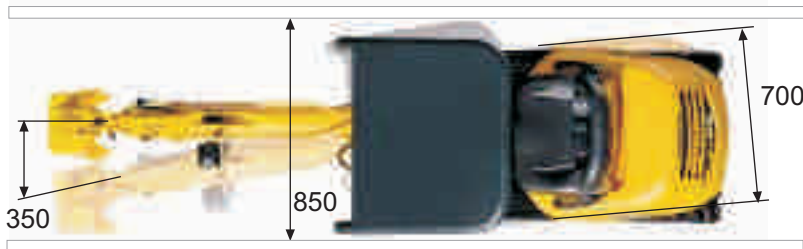


# PC09-1 MINI EXCAVATOR

Fruit of KOMATSU technology and experience, the new PC09-1 miniexcavator supplies the right power and digging force while operating in restricted areas. In between adjacent walls, inside buildings, or inside tunnels bigger machines could be too large or heavy. Moreover, the new PC09-1 is particularly apt to work in gardening, small renovations or demolitions, or in drainage system jobs. Sturdiness and excellent stability guarantee safety in any work situation. Thanks to the typical tubular shape of the arm, the mono-block frame and the metallic hood the machine can be used under the most severe working conditions with no problem.

## Compactness



## New Controls



## Easy Maintenance



## Great Stability



- Two travelling speeds
- Hydraulic variable gauge
- Arm with integrated demolition breaker (option)
- Fully opening engine bonnet
- Water cooled green engine
- Self lubricating bushes in boom and arm
- Ready to operate in wide range of applications
- Pipes located inside the boom
- Boom off-set 90 /50
- Compact dimensions
- Low ground bearing
- Easy to operate
- Easy to transport
- Fast and powerful

# TECHNICAL SPECIFICATIONS



## ENGINE

Model ..... Komatsu 2D68E-3A  
 Type ..... Low emissions 4-cycle diesel engine  
 Displacement ..... 522 cm<sup>3</sup>  
 Rated power:  
 (SAE J 1349) ..... 6,3 kW / 8,5 HP - 2.200 rpm  
 Cooling system ..... water



## UNDERCARRIAGE

Width x blade height ..... 700 x 200 mm  
 Shoes width ..... 180 mm  
 Ground pressure (std. version) ..... 0,25 kg/cm<sup>2</sup>  
 Hydraulically operated track extension



## TRANSMISSION

Type ..... Hydrostatic transmission, controlled and steered by means of two levers  
 Max traction force ..... 1.160 daN - (1.090 kg)  
 Travel speed ..... 1,5 - 3 km/h



## OPERATING WEIGHT

Operational mass with standard bucket, fully serviced + 80 kg operator (ISO 6016).  
 Operating weight with rubber shoes ..... 880 (980) kg  
 TOPS canopy ..... +100 kg (optional)



## REFILLS

Fuel tank ..... 10,8 l  
 Engine oil ..... 1,9 l  
 Hydraulic oil tank ..... 16,4 l



## HYDRAULIC SYSTEM

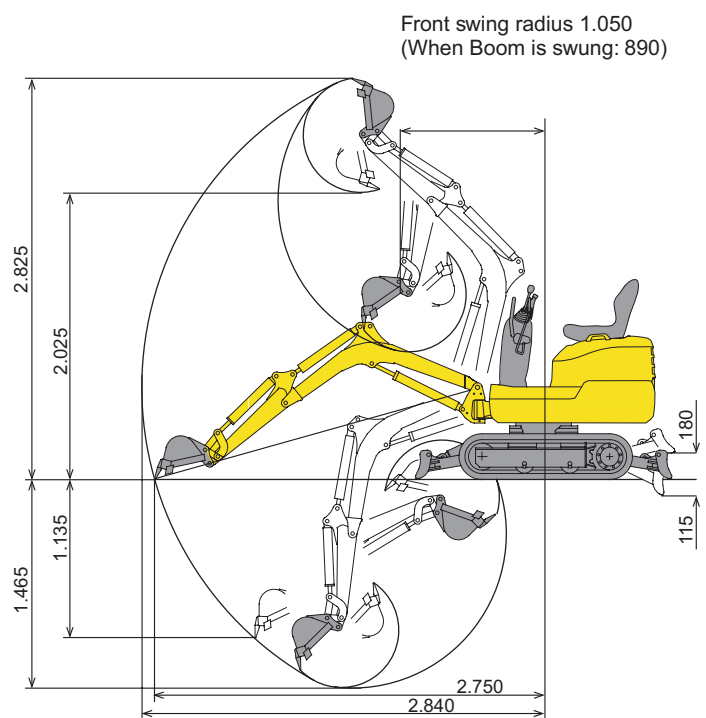
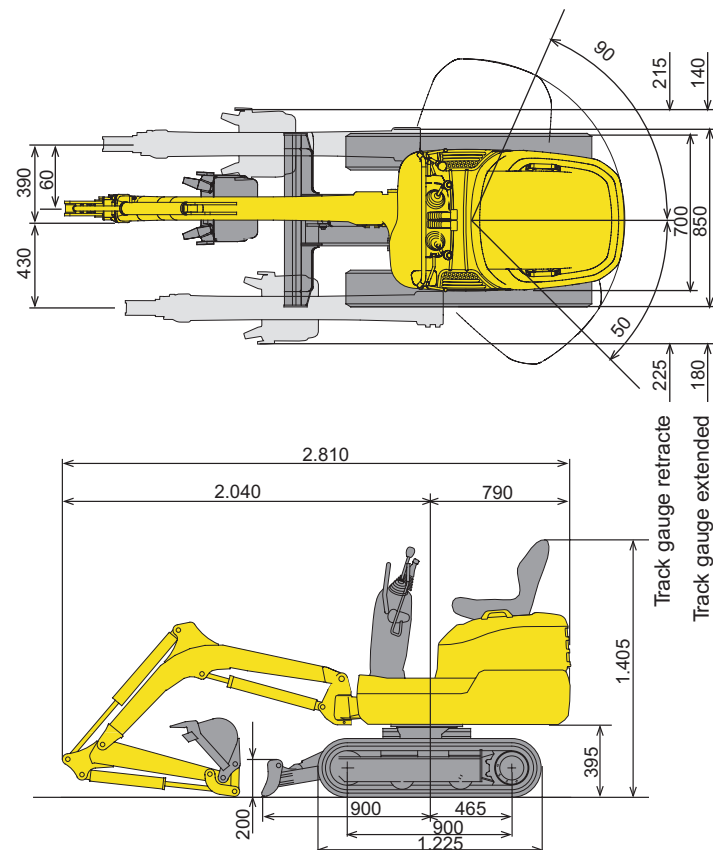
Main pumps ..... 2 x gear pump  
 Max delivery ..... 11 + 11 l/min  
 Max operating pressure ..... 16 MPa (160 bar)  
 Max breakout force ..... 1.130 daN - (1.075 kg)



## HAMMER

Impact energy ..... 108 J - (11 kgm)  
 Blow Frequency ..... 800 b.p.m

## Dimensions



PC09-1

# MINI EXCAVATOR

## STANDARD EQUIPMENT

- Two travelling speeds
- Hydraulic variable gauge
- Front blade
- ORFS connections
- One piece cast iron frame and metallic hood
- Safety lock lever

## OPTIONAL EQUIPMENT

- Arm with demolition breaker
- TOPS canopy
- Bucket range