



## SM50D

### Utility Wheel Loader

Designed for Tight Spaces, Built for Tough Jobs

SM50 has a powerful drive and lifting force to easily handle a wide range of job. The load-sensing and flow-sharing hydraulic control system (LUDV) ensures excellent operating performance while providing efficient fuel economy. The ergonomic joystick operation and the low noise level of the whole machine effectively enhance the operating comfort. The high-flow auxiliary hydraulic system, combined with adjustable flow function enables SM50 to be compatible with a variety of attachments to meet the needs of different working conditions.

#### Highlights

- Compact and Agile Design
- Safety You Can Trust
- Powerful drive system with LUDV
- Comfortable Operation

#### Technical Data

##### ■ Hydraulic

Flow rate 60.0 l/min

Auxiliary hydraulics relief pressure 220.0 bar

##### ■ Mechanical - Output Details

Travel speed 6.4 km/h

##### ■ Mechanical Details

Overall Length without bucket 1,920.0 mm

Overall Length with Bucket 2,501.0 mm

Overall width without bucket 1,017.0 mm

Height 1,368.0 mm

Bucket Hinge Pin Height 1,940.0 mm

Maximum bucket roll back at ground 25.0 °

Bucket roll back at maximum height 94.0 °

Angle of departure 25.0 °

Bucket dump height at maximum height 2,658.0 mm

Bucket dump angle at maximum height 37.0 °

Operating weight 1,218.0 kg

Underclearance 146.0 mm

Dump reach at maximum height 667.0 mm

Wheelbase 800.0 mm

##### ■ Engine

Cooling Water-cooling

Engine type Diesel engine

Cylinder 3.0

Cylinder capacity 1,115.0 cm3

Power rating max. 15.7 KW

Engine speed (Power max.) 2,500.0 1/min

Operating power 15.7 KW

Idling speed 1,300.0 1/min

Maximum torque 67.4 Nm

Engine Manufacturer Yanmar

Engine Designation 3TNV76

##### ■ Operating Fluids

Fuel Tank capacity 24.0 l

##### ■ Chassis

Tires 18 x 8,5 - 8 8PR

Tip Load 690.0 kg

Rated Operating Capacity at 50% Tip Load 345.0 kg

Rated Operating Capacity at 35% Tip Load 242.0 kg