

# SM50P

## Utility Wheel Loader

### Compact Power for Versatile Jobs

The SM50P combines strong drive force and lifting capacity to handle a wide range of tasks with ease. Powered by a reliable Honda petrol engine, it delivers consistent output for demanding applications. The hydraulic system with flow-sharing capability ensures smooth and efficient operation under changing load conditions while maintaining fuel efficiency. Ergonomic joystick controls and low noise levels enhance operator comfort, reducing fatigue during long working hours. With its high-flow auxiliary hydraulics and adjustable flow function, the machine supports multiple attachments, making it adaptable to diverse job site requirements.

## Highlights

- Compact and Agile Design
- Safety You Can Trust
- Powerful Petrol Drive with Hydraulic Control
- Comfortable Operation
- Built for Tough Jobs

## Technical Data

### Hydraulic

| | |
|---|---|
| Flow rate | 60.0 l/min |
| Auxiliary hydraulics relief pressure | 220.0 bar |

### Mechanical - Output Details

| | |
|---|---|
| Travel speed | 6.3 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 | 1,131.0 kg |
| Underclearance | 146.0 mm |
| Dump reach at maximum height | 667.0 mm |
| Wheelbase | 800.0 mm |

### Engine

| | |
|---|---|
| Cooling | air cooling |
| Engine type | Gasoline engine |
| Cylinder | 2.0 |
| Cylinder capacity | 688.0 cm³ |
| Power rating max. | 16.5 kW |
| Engine speed (Power max.) | 3,300.0 1/min |
| Operating power | 16.5 kW |
| Idling speed | 2,000.0 1/min |
| Maximum torque | 48.3 Nm |
| Engine Manufacturer | Honda |
| Engine Designation | GX690RH |

### Operating Fluids

| | |
|---|---|
| Fuel Tank capacity | 24.0 l |

### Chassis

| | |
|---|---|
| Tires | 18 x 8,5 - 8 8PR |
| Tip Load | 554.0 kg |
| Rated Operating Capacity at 50% Tip Load | 277.0 kg |

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| | | |
|---|---|---|
| Rated Operating Capacity at 35% | 194.0 kg | Tip Load |

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