



**WACKER
NEUSON**
all it takes!

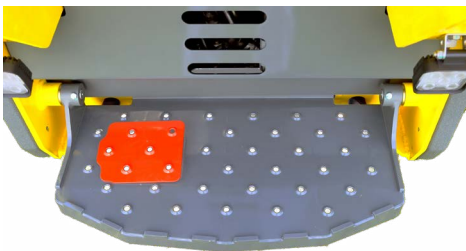
SM50

Wheeled Mini Loader



Designed for tight spaces, built for tough jobs

The SM50, available in petrol and diesel version, is designed for the Australian and New Zealand markets. It has a powerful drive and lifting force to easily handle a wide range of job requirements. 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 the SM50 to be compatible with a variety of attachments to meet the needs of different working conditions.



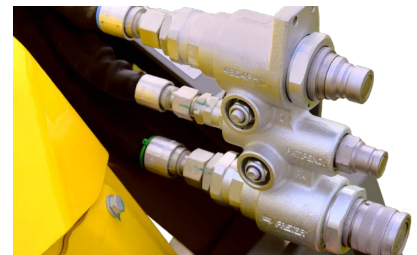
Operator Presence Switch

Designed with an operator presence control system with full consideration of safety requirements, **prevents the machine and lift arm from moving unintentionally.**



Simple Operation

The ISO ergonomic joystick design allows simultaneous control of both driving and working devices, making operation easier and reducing fatigue for long time operation.



Maximum Work Performance

Powerful engine combined with LUDV load sharing hydraulics system. The easy-to-connect quick couplers make attachment connections more convenient and easier, meeting the needs of frequent change of attachment.

Efficiency

- Drive motors on each wheel for maximum performance and traction
- High tipping load

Operating Comfort And Safety

- Low noise level and minimal heat development
- High level of machine stability, even on uneven terrain
- Compact design for tight construction sites

Technical Information

| | Units | SM50D | SM50P |
|--|-----------------|---------------|----------------|
| Hydraulic | | | |
| Discharge flow rate | l/min | 60 | 60 |
| Auxilliary pressure | bar | 220 | 220 |
| Mechanical – Performance | | | |
| Travel speed | km/h | 6.4 | 6.6 |
| Tipping load | kg | 745 | 629 |
| Rated operating capacity (ROC) 50% of tipping load | kg | 372 | 314 |
| Rated operating capacity (ROC) 35% of tipping load | kg | 260 | 220 |
| Mechanical Details | | | |
| Total length without bucket | mm | 1,920 | 1,920 |
| Total length with bucket | mm | 2,501 | 2,501 |
| Total width without bucket | mm | 1,017 | 1,017 |
| Height | mm | 1,368 | 1,368 |
| Bucket linkage pin height | mm | 1,940 | 1,940 |
| Bucket linkage pin height with large tyres | ° | 25 | 25 |
| Bucket roll back at maximum height | ° | 94 | 94 |
| Maximum ramp angle | ° | 25 | 25 |
| Bucket height at maximum height | mm | 1,400 | 1,400 |
| Bucket angle at maximum height | ° | 36 | 37 |
| Operating weight | kg | 1,227 | 1,187 |
| Track width | mm | 215 | 215 |
| Tyre type | | 18 x 8.5 - 8 | 18 x 8.5 - 8 |
| Vertical clearance height | mm | 146 | 146 |
| Tipping range at maximum lift height | mm | 667 | 667 |
| Engine | | | |
| Cooling | | Water-cooling | Air-cooling |
| Cylinder | | 3.0 | 2.0 |
| Cylinder capacity | cm ³ | 1,115 | 0.688 |
| Operating power | KW | 14.5 | 15.5 |
| Operating engine speed | 1/min | 2,500 | 3,300 |
| Manufacturer | | Yanmar | Honda |
| Engine model (diesel) | | 3TNV76 | GX690-RHX-TXFW |
| Operating Fluids | | | |
| Fuel tank capacity | l | 24 | 24 |