



**WACKER  
NEUSON**  
*all it takes!*

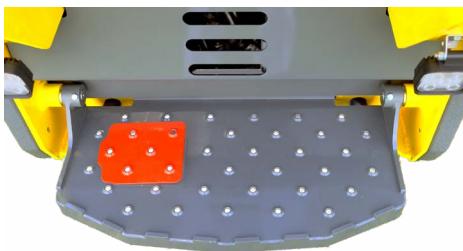
# SM50

## 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
<b>Hydraulic</b>			
Discharge flow rate	l/min	60	60
Auxilliary pressure	bar	220	220
<b>Mechanical – Performance</b>			
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
<b>Mechanical Details</b>			
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
<b>Engine</b>			
Cooling		Water-cooling	Air-cooling
Cylinder		3.0	2.0
Cylinder capacity	cm <sup>3</sup>	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
<b>Operating Fluids</b>			
Fuel tank capacity	l	24	24