



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

# SM120

## Tracked Mini Loader



### Do more with less

The SM120 uses Wacker Neuson's ergonomic mini-loader controls, while maintaining operator comfort features such as padding and a spring suspension for a better ride and added stability. The high hinge pin of the SM120 provides a 1,595 mm bucket dump height and allows for easy loading into high sided trucks and dumpsters. The wide (230mm) track width provides among the lowest ground pressures on the market, minimising incidental damage to the work site.



#### Ride Control

Ride Control provides hydraulic cushioning to the lift arms reducing material spillage and providing a smoother ride. Engage and disengage via grip mounted button.



#### Industry leading safety features

Operator presence pedal and hydraulic function lockout prevent accidental movement of lift arm and drive functions.

#### QuickGrip control

Proportional auxiliary hydraulic controls mounted on the grip allows operators to function all 3 controls simultaneously.



### Extra wide tracks

The SM120 has extra wide tracks that reduce ground pressure to among the lowest in the class, which reduces the potential for site damage and provides a stable ride.



### Switch functions on the fly

Enables the operator to quickly engage or disengage auxiliary hydraulics with the press of a button for higher efficiency and reduced cycle times. Index finger actuated wheel provides operators fine control needed to operate a grapple or 4-in-1 bucket.



### Enhanced stability

Extra wide tracks provide side to side stability while travelling over rough terrain.



### Technical Information

	Units	SM120
<b>Hydraulic</b>		
Flow rate	l/min	49
Auxilliary relief pressure	bar	227
<b>Mechanical – Output Details</b>		
Ground pressure (standard track)	bar	0.2
Travel speed	km/h	8.1
<b>Mechanical Details</b>		
Overall length without bucket	mm	2,141
Overall length with bucket	mm	2,742
Overall width without bucket	mm	1041
Height	mm	1,478
Bucket hinge pin height	mm	2,176
Bucket roll back at ground	°	25
Bucket roll back at max. height	°	92
Angle of departure	°	25
Bucket dump height at max. height	mm	1,595
Bucket dump angle at max. height	°	42
Operating weight	kg	1,703
Track width	mm	280
Ground clearance	mm	198

	Units	SM120
Length of track on ground	mm	1,093
Dump reach at max. height	mm	557
<b>Engine</b>		
Cooling		Water-cooling
Engine type		Diesel engine
Cylinder		3
Cylinder capacity	cm3	1,266
Power rating max	KW	18.5
Operating power	KW	18.4
Operating Engine speed	1/min	2,600
Maximum torque	Nm	85
Manufacturer		Yanmar
Engine designation		3TNV80 FT
<b>Operating Fluids</b>		
Fuel tank capacity	l	64
<b>Chassis</b>		
Tip Load	kg	1,589
Rated operating capacity at 50% tip load	kg	795
Rated operating capacity at 35% tip load	kg	556