



SM120

Utility Track 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 5'3" bucket dump height and allows for easy loading into high sided trucks and dumpsters. The wide (11") track width provides among the lowest ground pressures on the market, minimizing incidental damage to the work site.

Highlights

- All Day Comfort
- Extra Wide Tracks

Technical Data

Hydraulic

flow rate	12.9 gal/mi
Auxiliary relief pressure	3,291.5 psi

Mechanical - Output Details

Ground Pressure(Standard track	3.9 psi
Travel speed	5.2 m/H

Mechanical Details

Length without Bucket	84.3 "
Length with Bucket	108.0 "
Overall width without bucket	35.5 "
Height	58.2 "
Bucket Hinge Pin Height	85.7 "
Bucket roll back at ground	25.0 °
Bucket roll back at height max	92.0 °
Angle of departure	25.0 °
Bucket height at height max.	62.8 "
Buck. dump angle at height max	42.0 °
Operating weight	3,754.5 lb
Ground clearance	7.8 "

Length of Track on Ground	43.0 "
Dump reach at max. height	21.9 "

Engine

Cooling	Water-cooling
Engine type	Diesel engine
Cylinder	3.0
Cylinder capacity	77.3 Inch3
Power rating max.	24.8 hp
Operating power	24.7 hp
Operating Engine speed	2,600.0 1/min
Maximum torque	63.0 lb/ft
Engine Manufacturer	Yanmar
Engine Designation	3TNV80 FT

Operating Fluids

Fuel Tank capacity	16.9 gal US
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Chassis

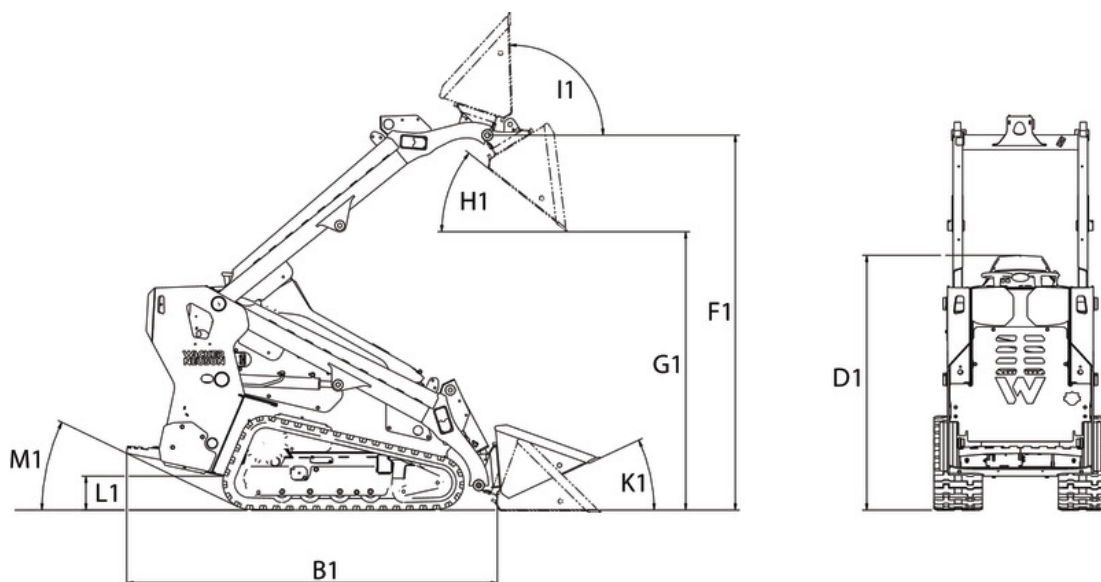
Tip Load	3,503.1 lb
Rated Operating Capacity at 50% Tip Load	1,752.7 lb
Rated Operating Capacity at 35% Tip Load	1,225.8 lb

Available engines

Yanmar 3TNV80 FT

Cylinder capacity	77.3 Inch3
Power rating max.	24.8 hp
Maximum torque	62.7 lb/ft
Cooling	Water-cooling
Engine type	Diesel engine
Cylinder	3
Engine Manufacturer	Yanmar
Engine Designation	3TNV80 FT

Dimensions



A1	Overall length with bucket	108.3 in
B1	Overall length without bucket	84.7 in
D1	Overall height	58.2 in
F1	Hinge pin height	85.6 in
G1	Dump height max.	63.6 in
K1	Bucket rollback at ground level	25 °
I1	Bucket rollback at max. stroke height	92 °
H1	Dump angle	38.2 °
L1	Ground clearance	7.8 in
M1	Angle of departure	25.6 °