



SM100

Utility Track Loader

Do More with Less

In addition to its compact design, the SM100 is comfortable for operators with ergonomic joysticks and reference handles, plush padding, and wide spring-suspension platform for added stability. The strong lift capacity and high hinge pin of the SM100 height allows for easy loading into high sided trucks and dumpsters. The heavy duty undercarriage construction and fast travel speeds means you can do more with less.

Highlights

- Compact Design
- Industry Leading Safety Features
- All Day Comfort

Technical Data

■ Hydraulic

Flow rate	12.9 gal/mi
Auxiliary hydraulics relief pressure	3,045.0 psi

Underclearance 7.8 "

Length of Track on Ground 43.0 "

Dump reach at maximum height 21.9 "

■ Mechanical - Output Details

Ground Pressure	4.1 psi
Breakout force - tilt	3,108,434.0 lbf
Breakout force - lift	3,108.4 lbf
Travel speed	5.2 m/H

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

■ Mechanical Details

Overall Length without bucket	84.3 "
Overall Length with Bucket	108.0 "
Overall width without bucket	35.5 "
Height	58.2 "
Bucket Hinge Pin Height	85.7 "
Maximum bucket roll back at ground	25.0 °
Bucket roll back at maximum height	92.0 °
Angle of departure	25.0 °
Bucket dump height at maximum height	62.8 "
Bucket dump angle at maximum height	42.0 °
Operating weight	3,300.3 lb

■ 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

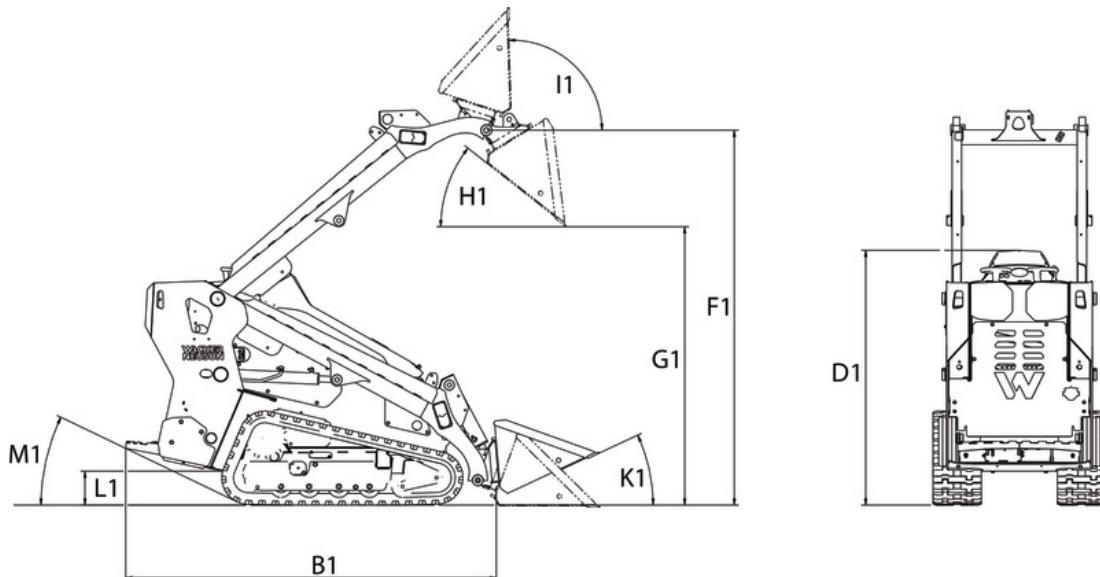
■ Chassis

Tip Load 2,855.0 lb

Rated Operating Capacity at 50% Tip Load 1,426.4 lb

Rated Operating Capacity at 35% Tip Load 998.7 lb

Dimensions



A1	Overall length with bucket	108.5 in
B1	Overall length without bucket	84.8 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 °