



## 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

Length of Track on Ground 43.0 "

Dump reach at max. height 21.9 "

##### ■ Mechanical - Output Details

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

Cooling Water-cooling

Engine type Diesel engine

##### ■ 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 "

Cylinder 3.0

Cylinder capacity 77.3 Inch<sup>3</sup>

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 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

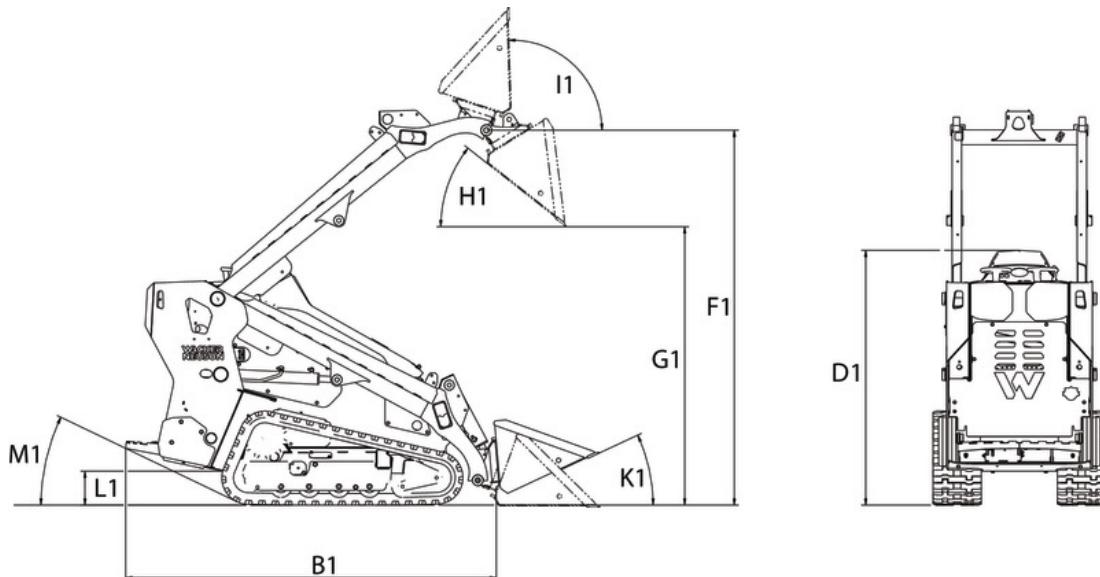
## Available engines

### **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

The illustrations, equipment and data shown may deviate from the current delivery program of your country. Optional equipment subject to additional charge may be shown. Subject to changes.

## 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 °