



SM120

Utility Track Loader, Productivity Package

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 productivity package puts major workgroup controls literally at the operator's finger tips, allowing for function shifting on the fly. 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
- Switch Functions On the Fly
- Ride Control

Technical Data

Hydraulic

| | |
|--------------------------------------|-------------|
| Flow rate | 12.9 gal/mi |
| Auxiliary hydraulics relief pressure | 3,291.5 psi |

Mechanical - Output Details

| | |
|-----------------|---------|
| Ground Pressure | 3.9 psi |
| Travel speed | 5.2 m/H |

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 | 3,754.5 lb |
| Underclearance | 7.8 " |

| | |
|------------------------------|--------|
| Length of Track on Ground | 43.0 " |
| Dump reach at maximum 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 |
|--------------------|-------------|

Chassis

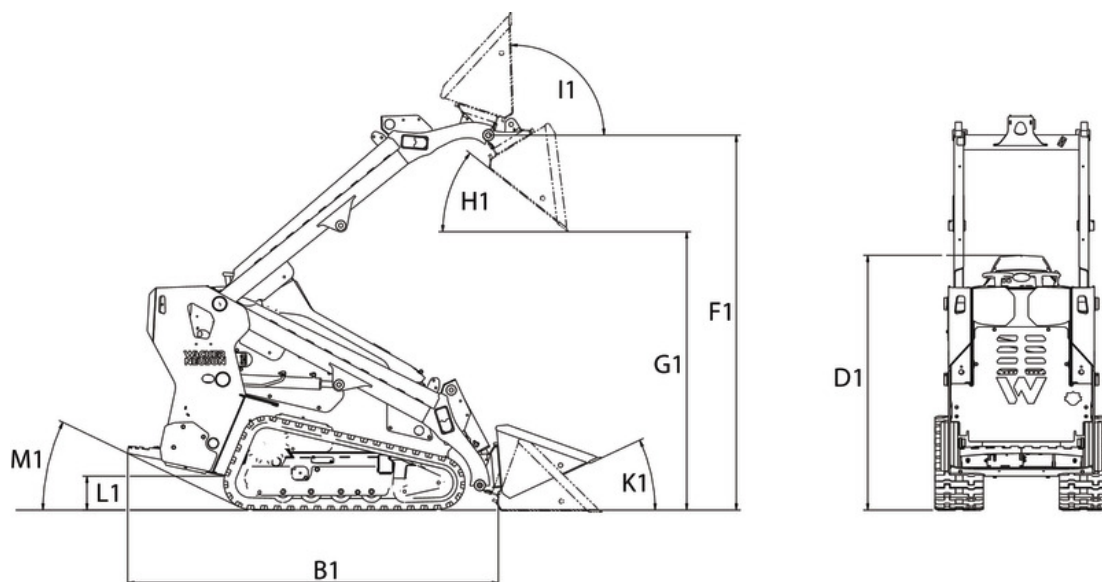
| | |
|--|------------|
| Tip Load | 3,503.1 lb |
| Rated Operating Capacity at 50% Tip Load | 1,752.7 lb |
| Rated Operating Capacity at 35% Tip Load | 1,225.8 lb |

Available engines

■ Yanmar 3TNV80 FT

| | |
|---------------------|------------------------|
| Cylinder capacity | 77.3 Inch ³ |
| 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 ° |