

R180

COMPACT LOADERS



Key Features

- ✓ PowerView® Boom Lift Arm - Radial
- ✓ Hydraloc™ System
- ✓ Level II ROPS/FOPS
- ✓ Dual T-Bar, Joystick and Hand/Foot Controls available
- ✓ Cushion Seat
- ✓ Battery Charge Indicator Lamp
- ✓ Hourmeter
- ✓ Vandalism Lock Provisions - Fuel and Engine Cover

Key Specifications

- ✓ Operating capacity (50%) - 817 kg (1,800 lbs.)
- ✓ Overall height to top of ROPS - 1948 mm (77")
- ✓ Gross Power - 68.7 hp (52.1 kW) @ 2500 rpm
- ✓ Yanmar 4TNV98-ZNMS3R1, iT4 Engine
- ✓ 241 Nm (178 ft.-lbs.) @ 2500 rpm max torque
- ✓ 3023 mm (119") height to hinge pin
- ✓ 1582 mm (62") machine width - less bucket
- ✓ 2892 kg (6,376 lbs.) operating weight

SPECIFICATIONS

| | | IMPERIAL | METRIC |
|-----------------------|---|-----------------------|----------------------|
| Capacities | Rated Operating Capacity | 1801 lb | 817 kg |
| | Unladen weight | 6376 lb | 2892 kg |
| | Tipping capacity | 3600 lb | 1633 kg |
| Weight and dimensions | Wheelbase | 39 in | 988 mm |
| | Overall Operating Height - Fully Raised | 153 in | 3876 mm |
| | Height to Hinge Pin - Fully Raised | 119 in | 3023 mm |
| | Overall Height to top of ROPS | 77 in | 1948 mm |
| | Dump angle at full height | 38 ° | 38 ° |
| | Dump height | 94 in | 2379 mm |
| | Overall length with bucket | 124 in | 3139 mm |
| | Dump reach - Full height | 23 in | 579 mm |
| | Rollback at ground | 28 ° | 28 ° |
| | Rollback Angle at Full Height | 99 ° | 99 ° |
| | Seat to ground height | 37 in | 930 mm |
| | Overall width less bucket | 62 in | 1582 mm |
| | Bucket Width | 61 in | 1562 mm |
| | Ground clearance | 6 in | 160 mm |
| | Overall length - Less Bucket | 95 in | 2425 mm |
| | Departure angle | 19 ° | 19 ° |
| | Clearance Radius - Front with Bucket | 74 in | 1869 mm |
| | Rear departure angle | 19 ° | 19 ° |
| Performances | Travel speed (unladen) | 8 mph | 12.60 km/h |
| Wheels | Standard tires | 10 x 16.5 - 10 PR HD | 10 x 16.5 - 10 PR HD |
| Engine | Engine brand | Yanmar | Yanmar |
| | Engine model | 4TNV98-ZNMS3R1 | 4TNV98-ZNMS3R1 |
| | Engine norm | IT4, Stage IIIA | IT4, Stage IIIA |
| | Gross Power | 52.10 kW | 52.10 kW |
| | Net Power | 51.20 kW | 51.20 kW |
| | Max. torque / Engine rotation | 178 ft/lbs / 2500 rpm | 241 Nm / 2500 rpm |
| | Power source | Diesel | Diesel |
| | Number of cylinders | 4 | 4 |
| | Battery voltage | 12 V | 12 V |
| | Accessory plug | 12 V | 12 V |
| | Alternator - Ampere | 100 A | 100 A |
| | Starter | 3 kW | 3 kW |
| Hydraulics | Standard flow - Auxiliary hydraulics | 19 US gpm | 71.40 l/min |
| | Auxiliary Hydraulic Pressure | 3002 PSI | 207 bar |
| | High-Flow Auxiliary Hydraulics - Option | 30 US gpm | 114 l/min |
| Tank capacities | Fuel tank | 17 US gal | 62.50 l |
| | Hydraulic tank capacity | 11 US gal | 41.60 l |
| | Displacement | 0.87 US gal | 3.30 l |
| | LH Chain case | 2 US gal | 8.50 l |
| | RH Chain case | 2 US gal | 8.50 l |



STANDARD FEATURES

- Hour meter
- T-Bar Controls
- High-Back Adjustable Seat
- Battery charge indicator lamp
- Adjustable 2-inch Seat Belt
- Hydraloc™ Safety System
- Operator Restraint Bar
- Lift Arm Support Device
- Back-Up Alarm
- Anti-Vandalism Lock Provisions
- ROPS/FOPS Level II Overhead Guard
- Front and Rear - Work Lights
- 12Volt Power Port
- Hand/Foot Controls
- Integral Access Plate (removable)
- All-Tach® Attachment Mounting System

OPTIONAL FEATURES

- Selectable Self-Leveling Hydraulic Lift Action 4
- Rotating Beacon
- Simplified lift system
- Engine Block Heater
- Horn
- Rear view mirror
- Heat & Defrost
- 3-inch Seatbelt
- Automatic engine shutdown
- Swing-out Cab Door
- Radio
- Easy Manager
- Battery Disconnect
- Air suspension seat

Manitou Group reminds users to read and understand the operator's manual before operating any equipment. Also, make sure all safety devices and shields are in place and functioning properly. Manitou Group reserves the right to add improvements or make changes in specifications at any time without notice or obligation.



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GEHL COMPACT EQUIPMENT