

ML12 T

TELESCOPIC REACH SMALL ARTICULATED LOADER



| OPERATING WEIGHT | |
|------------------|---------------------|
| Open cab | 2,646 lb. (1200 kg) |
| Enclosed cab | — |

| OVERALL DIMENSIONS | |
|--------------------|--------------------|
| Overall height | 81.1 in. (2060 mm) |
| Overall length: | |
| Without bucket | 89.2 in. (2265 mm) |
| Machine width | 36.2 in. (920 mm) |

| LOADER PERFORMANCE SPECS | |
|-------------------------------|---------------------|
| Lifting height | 111.0 in. (2820 mm) |
| Tipping load (ISO) – Straight | See graph page 2 |
| Lifting capacity | See graph page 2 |

| ELECTRICAL | |
|----------------|-------------------------------------|
| System voltage | 12 volts |
| Alternator | 40 amp |
| Battery | 52 AHR 520 cold-cranking amps |

— Not available.

| ENGINE | |
|-------------------------------------|---------------------------------|
| Model | Kubota D902 |
| Emissions certification | Tier 4 Final Certified |
| Cylinders | 3 |
| Displacement | 54.8 in. ³ (0.898 L) |
| Fuel | Diesel |
| Exhaust aftertreatment | — |
| Engine speeds | RPM |
| Rated – full load | 3,600 |
| Horsepower @ 3,600 RPM – SAE J1349: | |
| Gross | 25 hp (18.5 kW) |
| Peak torque @ 2,600 RPM | 41.4 lb-ft (56.1 N·m) |

| DRIVETRAIN | |
|-------------------|----------------------|
| Transmission type | Hydrostatic |
| Differential type | Hydraulic controlled |
| Parking brake: | Hydraulic multidisk |
| Type | brake |
| Max. travel speed | 9.3 mph (15 kph) |

| HYDRAULICS | |
|-----------------------------|---------------------|
| Control valve type | Open center |
| Pump type | Fixed gear |
| Driving hydraulics: | |
| Flow rate | 17.2 gpm (65 L/min) |
| Operating pressure | 5,100 psi (350 bar) |
| Working Hydraulics: | |
| Total flow rate | 7.4 gpm (28 L/min) |
| Operating pressure | 2,200 psi (150 bar) |
| Auxiliary 1: | |
| Max. flow rate | 7.4 gpm (28 L/min) |
| Pressure | 2,200 psi (150 bar) |
| Auxiliary 2 — optional: | |
| Max. flow rate | 7.4 gpm (28 L/min) |
| Pressure | 2,200 psi (150 bar) |
| Continuous flow — optional: | |
| Max. flow rate | 10.3 gpm (39 L/min) |
| Pressure | 2,200 psi (150 bar) |

| SERVICE CAPACITIES | |
|----------------------|-------------------|
| Fuel tank | 11.9 gal. (45 L) |
| Engine oil w/ filter | 2.6 qt. (2.5 L) |
| Hydraulic system | 13.7 gal. (52 L) |
| Engine coolant | 1.1 gal. (4.35 L) |

Standard Equipment

Operator Environment

- ROPS/FOPS safety roof
- Safety entry bar
- Key start
- Non-suspension vinyl seat
- Armrests
- Retractable seat belt
- Exterior mirrors

Engine

- Glow plug starting aid
- Engine block heater
- Locking fuel cap

Drivetrain

- Hydrostatic 4-wheel drive
- FNR control on joystick
- Electro-hydraulic controlled, manually activated differential
- Hydraulic parking brake

Hydraulics

- Extension/retraction of lift arm controlled by lever or joystick
- 3-spool main control valve
- 1x dual acting auxiliary hydraulics
- Attachment case drain return
- Loader arm float
- Hydraulic self-level function
- Oil cooler

Loader

- Telescopic reach loader arm
- Loader lift arm support strut
- CII mechanical attachment coupler
- Additional counterweights

Electrical

- 12 volt system
- 52 AHR, 520 CCA battery
- 40 A alternator
- 2 front cab work lights
- Remote jumpstart provision

Other Standard Features

- Tow coupling
- Lifting eyes
- Backup alarm
- Horn

Warranty

- Base warranty coverage: 2-Year/1,000-Hour Full Machine Limited Warranty

Optional Equipment

Engine

- Hand throttle

Drivetrain

- Hand inching creep control

Hydraulics

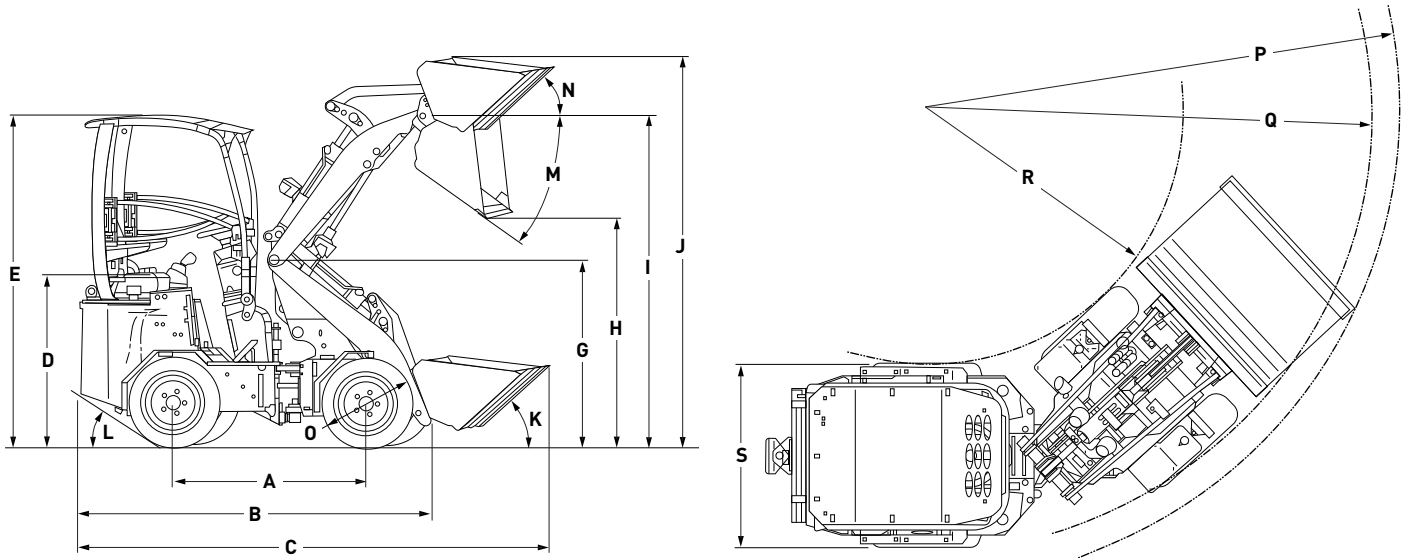
- 2x dual acting auxiliary hydraulics
- Auxiliary hydraulic hold function
- Continuous flow auxiliary hydraulics
- Hydraulic boom suspension (ride control)

Electrical

- 1 boom worklight
- 2 cab rear work lights
- 3-pin electrical auxiliary connection
- Rotating beacon light

Other

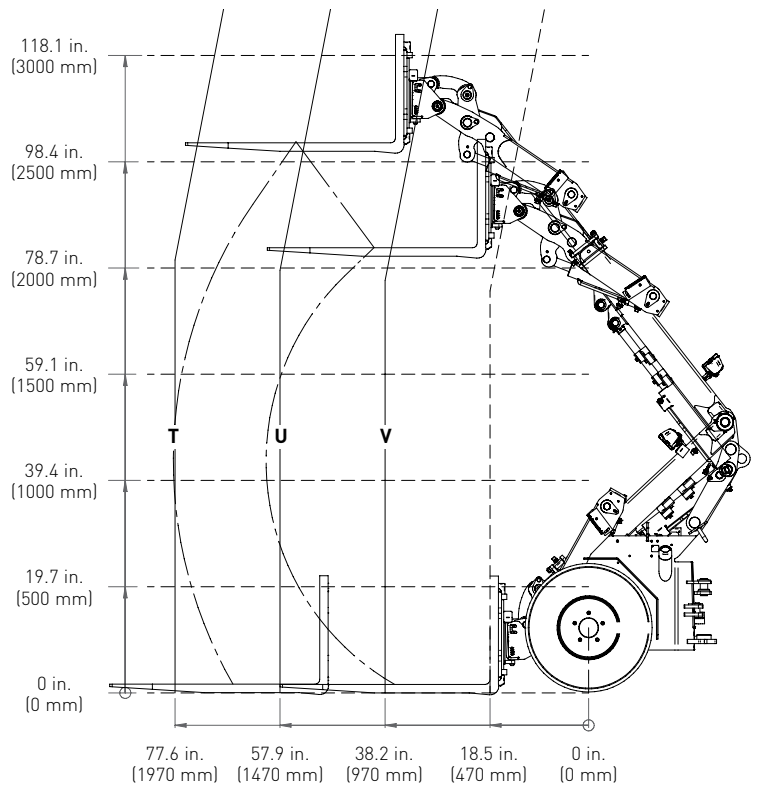
- English, Spanish, or French operator manual
- Groundskeeper tool carrying kit



DIMENSIONS

| | | |
|----------|------------------------------------|---------------------|
| A | Wheelbase | 49.1 in. (1247 mm) |
| B | Total length | 89.2 in. (2265) |
| C | Length with bucket | 115.2 in. (2927 mm) |
| D | Seat height | 40.2 in. (1020 mm) |
| E | Max. height with safety roof | 81.1 in. (2060 mm) |
| F | Max. height with cabin | — |
| G | Height front frame | 51.6 in. (1310 mm) |
| H | Max. dumping height | 81.1 in. (2060 mm) |
| I | Lifting height | 107.9 in. (2740 mm) |
| J | Height with bucket | 129.9 in. (3300 mm) |
| K | Rollback angle on the ground | 43° |
| L | Rollback angle at max. lift height | 50° |
| M | Max. dumping angle | 40° |
| N | Max. loading angle | 34° |
| O | Outer size of tires | 22.4 in. (570 mm) |
| P | Maximum radius external | 87.6 in. (2225 mm) |
| Q | Turning radius on outer edge | 77.4 in. (1967 mm) |
| R | Inner turning radius | 38.5 in. (978 mm) |
| S | Width on standard tires | 36.2 in. (920) |

— Not available.



Line drawings are for illustrative purpose only and may not be exact representation of unit.

TIPPING LOAD PATHS

| | |
|----------|--------------------|
| T | 440 lb. (200 kg) |
| U | 1,010 lb. (460 kg) |
| V | 1,650 lb. (750 kg) |



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Learn more at www.newholland.com



Design, materials and/or specifications are subject to change without notice and without liability therefor. Specifications are applicable to units sold in Canada, the United States, its territories and possessions, and may vary outside these areas.

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Safety begins with a thorough understanding of the equipment. Always make sure you and your operators read the Operator's Manual before using the equipment. Pay close attention to all safety and operating decals and never operate machinery without all shields, protective devices and structures in place.