

C314X

ELECTRIC MINI TRACK LOADER



OPERATING WEIGHT	
Narrow track (NT) - 2X Counterweights (STD):	3886 lb (1862 kg)
Wide track (WT) - 6X Counterweight (OPT):	4133 lb (1875kg)

OVERALL DIMENSIONS	
Overall height	56.5 in (1435 mm)
Overall length:	
Without bucket	85.6 in (2 175 mm)
Machine width:	
Narrow track	35.0 in (890 mm)
Wide track	40.4 in (1026 mm)
Bucket width:	
Narrow track	36.0 in (914 mm)
Wide track	42.0 in (1067 mm)

SERVICE CAPACITIES	
Hydraulic system	6.7 gal (25.3 L)



ELECTRIC POWERTRAIN	
Nominal battery voltage:	102V
Battery chemistry:	Lithium Ion
Battery capacity:	
Total gross capacity	23.5 kWh
Net usable capacity	21.2 kWh
Connector type SAE J1772 type 1: 240V	
Charging time 0-100%:	8 hours
Charging time 20-80%:	5 hours
Off board charger #1 240V 1 phase	
Charging time 0-100%:	6 hours
Charging time 20-80%:	3.5 hours
Off board charger #2 208V 3 Phase	
Charging time 0-100%:	3 hours
Charging time 20-80%:	2 hours
Off Board charger #3 480V 3 Phase	
Charging time 0-100%:	2.2 hours
Charging time 20-80%:	1.5 hours
Run time: 3-7 hours depending on application	
Motor type: Internal permanent magnet	
Motor power:	33.5hp (25kW)
Motor speed:	
Power:	2800 rpm
Standard:	2600 rpm
ECO:	240 rpm
Traction motors (2 total)	
Rated power	11.3 hp (8.4 kW)
Peak power	23.1 hp (17.2 kW)
Rated torque	20.4 ft-lb (27.6 Nm)
Peak torque	35.4 ft-lb (48 Nm)
Implement motor	
Rated power	33.5 hp (25 kW)
Peak power	42.9 hp (32 kW)
Rated torque	63.4 ft-lb (86 Nm)
Peak torque	92.2 ft-lb (125 Nm)

DRIVETRAIN	
Track motor type:	
Nominal power:	14.2 hp (10.6 kW) - 2x
Nominal torque:	16.6 lbf (22.5 Nm) x2
Max travel speed:	
Turtle:	5 mph (8 km/h)
Rabbit:	2.5 mph (4 km/h)
Regenerative electric service brake	
Negative mechanical with spring on discs	

LOADER PERFORMANCE SPECS	
Lift geometry	Radial lift
Narrow track rated operating capacity - ROC*:	
35% of tipping load	989 lb (449 kg)
50% of tipping load	1405 lb (637 kg)
Narrow track tipping load*	2810 lb (1275 kg)
Wide track rated operating capacity - ROC*:	
35% of tipping load	1034 lb (469 kg)
50% of tipping load	1472 lb (667 kg)
Wide track tipping load*	2945 lb (1336 kg)

NOTE: *Measured using standard equip bucket.

HYDRAULICS	
Implement pump type	Fixed gear
Displacement	1.2 in ³ [20 cm ³]
Standard flow @ rated engine RPM:	
@ 100% efficiency	13.7 gpm [52 L/min]
Loader control valve:	
Type	Open center
Implement Hydraulics Operating Pressure:	2800 psi (190 bar)

Standard Equipment

Operator Environment

- Electro-hydraulic joystick controls
- Loader and ground drive control lockout
- Cushioned operator platform
- Operator presence sensor
- Operator grab handles
- Key start
- Hand throttle
- Cup holder
- Pocket for cellular phone

Battery

- Lockable hood compartment
- Charging cord storage compartment

Optional Equipment

Drivetrain

- Narrow rubber track belt
- Narrow and wide non-marring tracks

Drivetrain

- Dual electric drive motors
- SAHR parking brake
- 5 roller undercarriage
- Wide rubber track belt

Telematics

- myNewHollandConstruction Telematics - includes hardware and a 7-year advanced data subscription

Hydraulics

- 3-spool loader control valve
- 1x dual acting auxiliary hydraulics
- Proportional auxiliary hydraulic control on joystick with detent
- Electro-hydraulic 1-way/2-way auxiliary hydraulic selector
- Loader arm float
- Bio-hydraulic oil and lubricants
- Case drain attachment connection

Loader

- 36 in dirt bucket
- 42 in dirt bucket
- Bolt on bucket teeth
- Bolt on bucket cutting edge
- 2x counterweights

Loader

- Radial lift geometry
- CII mechanical attachment coupler loader lift arm support strut
- 6x counterweights

Electrical

- 12V power plug socket
- Front and rear LED work lights
- Master battery disconnect
- Horn
- 14-pin electrical auxiliary connection
- 2x additional boom mounted lights

Warranty

- Base warranty coverage: 2-Year/2,000-Hour Full Machine Limited Warranty
- 3-Year /3000-Hour electrical components Limited Liability Warranty

Electrical

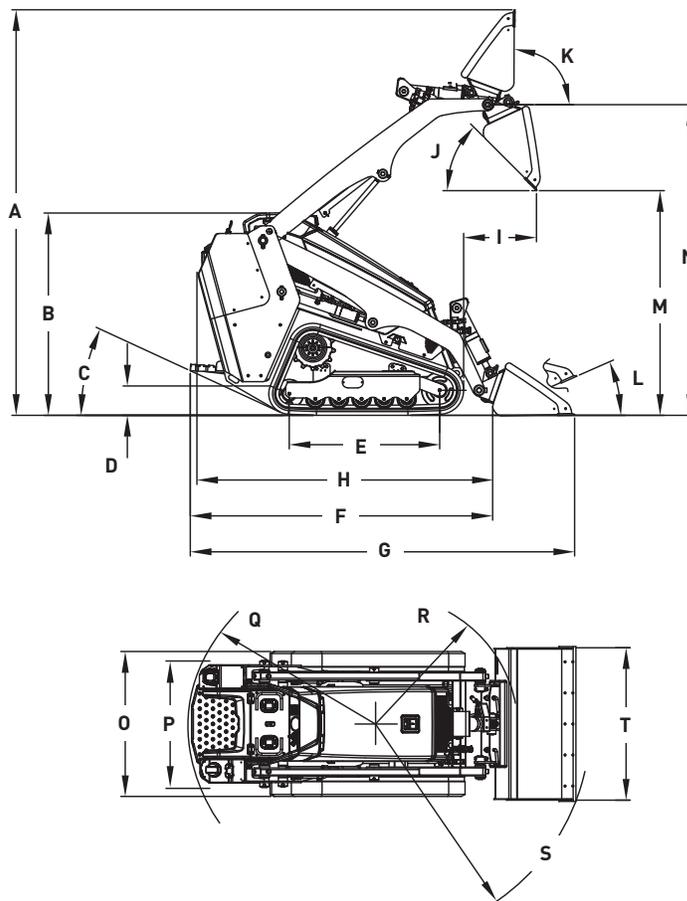
- Strobe light

Other

- English, Spanish, or French operator manual

DIMENSIONS

A Overall operating height	114.6 in (2911 mm)
B Overall height	56.5 in (1435 mm)
C Rear departure angle	24°
D Ground clearance	8.7 in (222 mm)
E Track length on ground	41.9 in (1065 mm)
Overall length:	
F without bucket	85.6 in (2175 mm)
G with standard bucket	110.1 in (2796 mm)
H Transport length – no bucket, platform raised:	85 in (2155 mm)
I Reach at maximum dump	22.24 in (570 mm)
J Dump angle	42°
K Maximum rollback at full height	90°
L Maximum rollback at ground	24°
M Dump height – standard bucket	61.0 in (1549 mm)
N Hinge pin height	86.7 in (2201 mm)
O Machine width:	
Narrow track	35.0 in (890 mm)
Wide track	40.4 in (1026 mm)
P Track Gauge:	
Narrow track	28.0 in (710 mm)
Wide track	30.6 in (776 mm)
Clearance Circle Radius:	
Q Rear	53.1 in (1348 mm)
R No bucket	35.9 in (913 mm)
S Standard bucket	60.7 in (1541 mm)
T Bucket Width:	
Narrow Track	36.0 in (914 mm)
Wide Track	42.0 in (1067 mm)



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

TRACK SELECTION

Type	Area	Ground Pressure	Width to Outside Track
7 in (180 mm) – Narrow track*	594 in ² (0.38 m ²)	5.8 psi (0.41 kg/cm ²)	35.0 in (890 mm)
10 in (250 mm) – Wide track*	825 in ² (0.53 m ²)	4.4 psi (0.31 kg/cm ²)	40.4 in (1026 mm)

NOTE: *Non-marring track option available



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Learn more at www.newholland.com



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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. This is a one-person machine. Never allow riders in the cab, outside the machine, or in/on any bucket or attachment.

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