

Mini Track Loader

C314 | C314X



Take a break from back-breaking work.

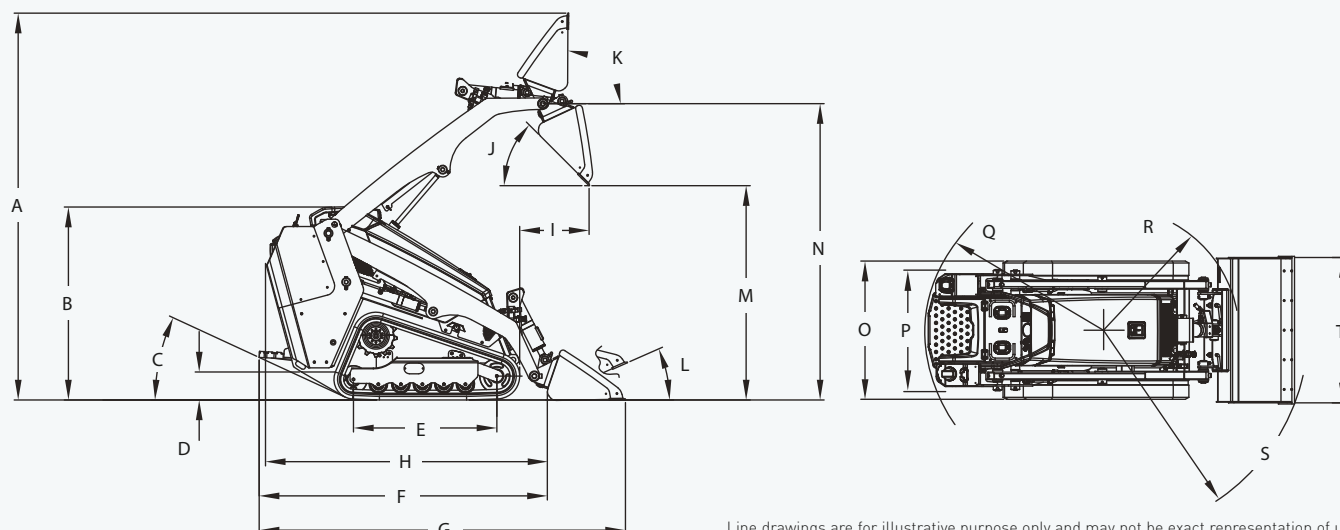
Ditch the shovel and wheelbarrow and all the hard manual labour that goes with them. The New Holland C314 mini track loader is all the equipment you need to get more done. The C314's big operating capacity adds more jobs to your residential construction and landscaping checklist. And its narrow working width gets you in and out of tight spots with ease. The fully electric New Holland C314X combines the advantages of conventional mini track loaders – versatility, outstanding performance and excellent visibility – with the benefits of electric drive systems such as zero emissions, significantly lower noise levels, direct response of the drive and hydraulics, and a smaller carbon footprint. The C314X is therefore ideal for use in enclosed spaces, to reduce noise pollution or in close proximity to people and animals.

Power and versatility are a formidable combination in a C314

- 500kg of rated operating capacity—easily handles lift-and-carry operations
- Common industry interface and 14-pin electric multifunction control—offers greater versatility with new and older attachments
- Wide range of attachments—power New Holland augers, trenchers, grapple buckets, rakes, and more



Model	C314	
Engine	Kubota D1305-E4B	
Emissions certification	Stage V	
Cylinders	(n°)	3
Displacement	(l)	1,261
Fuel	Diesel	
Engine speeds rated – full load	(rpm)	2600
Horsepower @ 2600rpm – SAE J1349:		
Gross	(kW)	18.5
Net	(kW)	18.0
Peak torque @ 1700rpm	(Nm)	80.1
Hydraulics		
Implement pump type	Fixed gear	
Displacement	(cm³)	19
Standard flow @ rated engine rpm: @ 100% efficiency	(l/min)	50
Loader control valve: type	Open center	
Implement hydraulics operating pressure	(bar)	190
Service capacities		
Fuel tank	(l)	30
Engine oil w/ filter	(l)	5.7
Hydraulic system	(l)	17
Engine coolant	(l)	3.5
Drivetrain		
Transmission type	Hydrostatic	
Max. travel speed	(kph)	7.5
Parking brake: type	SAHR pin brake	
Electrical		
System voltage	(V)	12
Alternator	(amp)	60
Battery	62 AHR, 540 cold-cranking amps @ -18°C	
Operating weight		
Narrow Track	2x counterweights (std): 1604kg	
Wide Track	6x counterweights (opt): 1716kg	
Loader performance		
Lift geometry	Radial Lift	
Narrow Track rated operating capacity – ROC:		
35% of tipping load	(kg)	450
50% of tipping load	(kg)	643
Narrow Track tipping load	(kg)	1285
Wide Track rated operating capacity – ROC:		
35% of tipping load	(kg)	500
50% of tipping load	(kg)	714
Wide Track tipping load	(kg)	1428



Dimensions

A	Overall operating height	(mm)	2911
B	Overall height	(mm)	1435
C	Rear departure angle	(°)	24
D	Ground clearance	(mm)	222
E	Track length on ground	(mm)	1065

Clearance Circle Radius

Q	Rear	(mm)	1348
R	No bucket	(mm)	913
S	Standard bucket	(mm)	1541
T	Bucket Width:		
	Narrow Track	(mm)	914
	Wide Track	(mm)	1067

Overall length

F	Without bucket	(mm)	2175
G	With standard bucket	(mm)	2796
H	Transport Length – no bucket, platform raised	(mm)	2155
I	Reach at Maximum Dump	(mm)	511
J	Dump angle	(°)	48
K	Maximum rollback at full height	(°)	90
L	Maximum rollback at ground	(°)	24
M	Dump height – standard bucket	(mm)	1549
N	Hinge Pin Height	(mm)	2201
Machine width:			
O	Narrow Track	(mm)	890
	Wide Track	(mm)	1026
Track Gauge:			
P	Narrow Track	(mm)	710
	Wide Track	(mm)	776

Track selection

Type	Area	Ground pressure	Width to outside track
180mm – Narrow Track	0.38m ²	0.41kg/cm ²	890mm
250mm – Wide Track	0.53m ²	0.32kg/cm ²	1026mm

New Holland C314X: Electrifying Performance, Zero Emissions

The C314X is equipped with robust, tried-and-tested components and has a 23.5kWh lithium-ion battery and three electric motors (10.6kW each for the left and right drive and 25kW for the working hydraulics). Depending on the application, equipment, charging options and environmental conditions, it can handle most tasks with ease.



Model

		C314X
Max. power eMotors	(kW)	Drive 2x 10.6 Hydraulics 25
Transmission		Electric
Max. speed	(kph)	8
Bucket hinge pin height	(m)	2.201
Bucket tipping load	(kg)	1,310
Auxiliary flow	(lpm)	52
Batterie capacity	(kWh)	23.5
Operating weight	(kg)	1,875
Mechanical CII quick coupler		●
Hydraulically pilot-operated control lever control		●
LED working lights front and rear		●
Pressureless return line		○

● Standard ○ Optional

Standard equipment

Operator Environment

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

Engine

- Engine tip-over shut-off
- Glow plug starting aid
- Locking fuel cap
- Fuel filter with water separator
- Electric fuel pump

Drivetrain

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

Hydraulics

- 3-spool loader control valve
- 1x dual acting auxiliary hydraulics
- Proportional auxiliary hydraulic control on joystick with detent
- Loader arm float

Loader

- Radial lift geometry
- CII mech attachment coupler
- Loader lift arm support strut
- 6x additional counterweight
- 42 in dirt bucket

Electrical

- 12V power plug socket
- Front and rear LED work lights
- Master battery disconnect

Other Standard Features

- Lock-able hood compartment
- Horn

Optional equipment

Drivetrain

- Narrow rubber track belt

Hydraulics

- Case drain attachment connection
- Bio-hydraulic oil and lubricants

Electrical

- 14-pin electrical auxiliary connection

Loader

- 36 in dirt bucket
- Bolt on bucket teeth
- Bolt on bucket cutting edge
- 6x additional counterweights

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