

NEW!

C245 SUPER BOOM® VERTICAL LIFT COMPACT TRACK LOADER



INTRODUCING NEW HOLLAND'S LARGEST COMPACT TRACK LOADER

The NEW C245 Super Boom® compact track loader offers the rugged construction, power and performance needed to excel on the farm, in rental yards and on construction sites. With 4,500-lb rated operating capacity, and greater breakout force, the C245 lifts more hay bales, hauls heavier pallets, and moves bigger boulders so you keep ahead of schedule.

The power, strength and stability to lift more

- 4,500-lb rated operating capacity @ 50% tipping load (9,000-lb tipping load)
- 90-HP engine @ 2500 RPM
- Long track base of 64.5 inches (17.7-inch wide tracks)
- Low ground pressure of 4.6 psi
- Strong bucket tip and lift breakout forces of 9,200 lbs and 7,500 lbs respectively with 78-inch dirt and foundry bucket

Super Boom® vertical lift design

The C245 is optimized for lift-and-carry operations. The patented New Holland Super Boom® vertical lift linkage offers more height and reach, which allows operators to load material into the center of high-sided truck boxes or hoppers.

Heavy-duty construction

The C245 is built with a heavy-duty steel rear door, steel rear hood, and NEW steel front work lights with sidelamps, for extra visibility during nighttime operation.

A smooth ride and improved track life

The low-profile undercarriage design provides an extended track life and a smoother ride, by using steel-embedded tracks rolling on the rubber instead of the steel.



C245 COMPACT TRACK LOADER (VERTICAL LIFT) SPECIFICATIONS

Engine		
Manufacturer/model		FPT / F5BFL413E*B002*
Type		Diesel 4-stroke, Turbo, D.I.
Cylinder		4
Bore/stroke	in (mm)	3.9 x 4.3 (99 x 110)
Displacement	in ³ (L)	207 (3.4)
Fuel injection		HPCR Direct
Fuel		#2 diesel
Fuel filter		Pre-filter 99.8% @ 30 microns, Main filter 95% @ 4 microns
Air intake		Turbocharged Aftercooled with external EGR
Cooling		Liquid
Engine speeds		
High idle - no load	rpm	2,500 +/- 25
Rated - full load	rpm	2,500
Low idle	rpm	1,150 +/- 25
Horsepower per SAE J1349		
Gross	hp (kW)	90 (67) @ 2,500 rpm
Net	hp (kW)	84 (63) @ 2,500 rpm
Peak torque	lb-ft (N•m)	282 (383) @ 1,400 rpm
Power Train		
Drive pump mechanical		
Pump to engine ratio	in ³ (cc)	1:1
Displacement	gpm (Lpm)	2.75 (45)
Flow at rated engine rpm @100% eff.	gpm (Lpm)	29.4 (111)
Charge pressure	psi (bar)	360 (24.5)
System relief	psi (bar)	5,220 (360)
Control		Mechanical servo
Drive pump electro hydraulic		
Pump to engine ratio		1:1
Displacement	in ³ (cc)	2.75 (45)
Flow	gpm (Lpm)	28.8 (109)
Charge pressure	psi (bar)	362 (25)
System relief	psi (bar)	5,220 (360)
Control		Electro hydraulic
Drive motors		
Max displacement	in ³ (cc)	3.10 (50.9)
Speed @ high idle engine	rpm	103
Speed @ optional high speed	rpm	156
Torque @ max displ. And relief pressure	lb-ft (N•m)	3,027 (4104)
Travel speed		
Low range	mph (km/h)	5.5 (8.9)
High range	mph (km/h)	8.0 (12.2)
Final drive		Planetary gearbox with 2-speed motor
Parking brake		
Type		Spring applied, hydraulic release disc
Engagement		Depress on/off brake button on instrument panel, disconnect lapbelt, get off seat, or stop engine

Hydraulic System		
Pumps		
Type		Gear
Displacement standard aux.	in ³ (cc)	2.23 (36.6)
Displacement high flow aux.	in ³ (cc)	1.45 (23.7)
Pump flow	gpm (Lpm)	24.2 (91.5)
Optional high flow	gpm (Lpm)	39.9 (150.8)
Loader control valve		
Type		3 spool / open center / series
Relief pressure	psi (bar)	3,540 (237)
Hydraulic filter		6 microns / spin on
Cylinders		
Lift cylinder		
Bore diameter	in (mm)	2.75 (69.85)
Rod diameter	in (mm)	1.75 (44.5)
Stroke	in (mm)	35.7 (908)
Closed length	in (mm)	53.9 (1369.1)
Bucket cylinders		
Bore diameter	in (mm)	3.0 (76.2)
Rod diameter	in (mm)	1.5 (38.1)
Stroke	in (mm)	15.9 (405)
Closed length	in (mm)	24.3 (617)
Weights		
Operating weight	lbs (kg)	10,610 (4823)
Shipping weight	lbs (kg)	10,267 (10,267)
Service Capacities		
Fuel tank	gal (L)	25.5 (96.5)
DEF tank	gal (L)	2.8 (10.7)
Engine oil with filter	qt (L)	8.9 (8.5)
Hydraulic system		
System capacity with filter	qt (L)	45.4 (48)
Performance Specs		
Rated operating load		
50% tip	lbs (kg)	4,500 (2045)
Tipping load	lbs (kg)	9,000 (4091)
Breakout forces		
Lift cylinder	lbs (kN)	9,188 (41.8)
Bucket cylinder	lbs (kN)	7,462 (33.9)
Cycle times		
Raise	sec	5.1
Lower	sec	3.5
Dump	sec	2.7
Roll back	sec	2.0

For all Dimensions and Performance Metrics, unless otherwise specified:
C245- Equipped with 175 lb operator, 78" Dirt & Foundry Bucket with 17.7" wide tracks.



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.

NHC3614543 • 05180.6 • OTP • PRINTED IN U.S.A.