

**NEW!**

## L234 SUPER BOOM® SKID STEER LOADER



### **BEST-IN-CLASS PERFORMANCE FOR THE MOST DEMANDING CONDITIONS**

The L234 is the most powerful skid steer loader in the New Holland line-up. It provides the superior visibility and stability you expect from New Holland, with even more power and performance for your most difficult jobsite challenges.



- Handle heavier loads and demanding jobs with:
  - 90-hp engine
  - Increased 3,400 rated operating capacity (6,800-lb tipping load)
  - Best-in-class 6,918-lb loader lift cylinder breakout force
  - Best-in-class 38-gpm hydraulic flow @ 3450 psi with the high-flow option
- ORFS loader circuit fittings are expressly designed to handle higher pressure
- Patented Super Boom® technology delivers maximum reach at full height
- New, comfortable composite and vinyl seat choices to suit your preference

# L234 SKID STEER 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 <sup>3</sup> (L)	207.5 (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 <sup>3</sup> (cc)	1:1
Displacement	gpm (Lpm)	2.07 (34)
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 <sup>3</sup> (cc)	2.75 (45)
Flow	gpm (Lpm)	24.2 (91.5)
Charge pressure	psi (bar)	362 (25)
System relief	psi (bar)	5,220 (360)
Control		Electro hydraulic
Drive motors		
Max displacement	in <sup>3</sup> (cc)	28.7 (470)
Speed @ high idle engine	rpm	237
Speed @ optional high speed	rpm	355
Torque @ max displ. And relief pressure	lb-ft (N•m)	1,987 (2694)
Travel speed with spec tires		
Low range	mph (km/h)	7.7 (12.4)
High range (optional)	mph (km/h)	11.5 (18.5)
Final drive		Single-reduction chain drive
Drive chain		
Size		ASA #100
Axles		
Diameter	in (mm)	2.44 (62)
Length	in (mm)	15.6 (396)
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 <sup>3</sup> (cc)	2.23 (36.6)
Displacement high flow aux.	in <sup>3</sup> (cc)	1.24 (20.4)
Pump flow	gpm (Lpm)	24.2 (91.5)
Optional high flow	gpm (Lpm)	37.6 (142.5)
Loader control valve		
Type		3 spool / open center / series
Relief pressure	psi (bar)	3,450 (238)
Hydraulic filter		6 microns / spin on
Cylinders		
Lift cylinder		
Bore diameter	in (mm)	2.75 (69.85)
Rod diameter	in (mm)	2.0 (50.8)
Stroke	in (mm)	33.4 (847.9)
Closed length	in (mm)	47.1 (1196)
Bucket cylinders		
Bore diameter	in (mm)	3.0 (76.2)
Rod diameter	in (mm)	1.5 (38.1)
Stroke	in (mm)	15.7 (398)
Closed length	in (mm)	24 (610)
Weights		
Operating weight	lbs (kg)	8,900 (4045)
Shipping weight	lbs (kg)	8,557 (3890)
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)
Chain tanks (per side)	qt (L)	23.5 (22.2)
Performance Specs		
Rated operating load		
50% tip	lbs (kg)	3,400 (1542)
Tipping load	lbs (kg)	6,800 (3084)
Breakout forces		
Lift cylinder	lbs (kN)	6,918 (30.8)
Bucket cylinder	lbs (kN)	9,323 (41.5)
Cycle times		
Raise	sec	4.5
Lower	sec	3.4
Dump	sec	2.6
Roll back	sec	2.0

**For all Dimensions and Performance Metrics, unless otherwise specified:**  
L234 – Equipped with 175 lb operator, 78" Dirt & Foundry Bucket with 14 x 17.5 tires.

### L234 TIRE OFFERING

8503107 12 X 16.5 Heavy Duty (70 OTW)  
8503207 12 X 16.5 Premium (70 OTW)  
8503307 12 X 16.5 Premium-Liner (70 OTW)  
8503407 12 X 16.5 Severe Duty (70 OTW)  
8503607 12 X 16.5 Non-Pneumatic (70 OTW)  
8505107 14 X 17.5 Premium (76 OTW) Standard



Learn more at [www.newholland.com](http://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.

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