



NEW HOLLAND

SKID STEER LOADERS



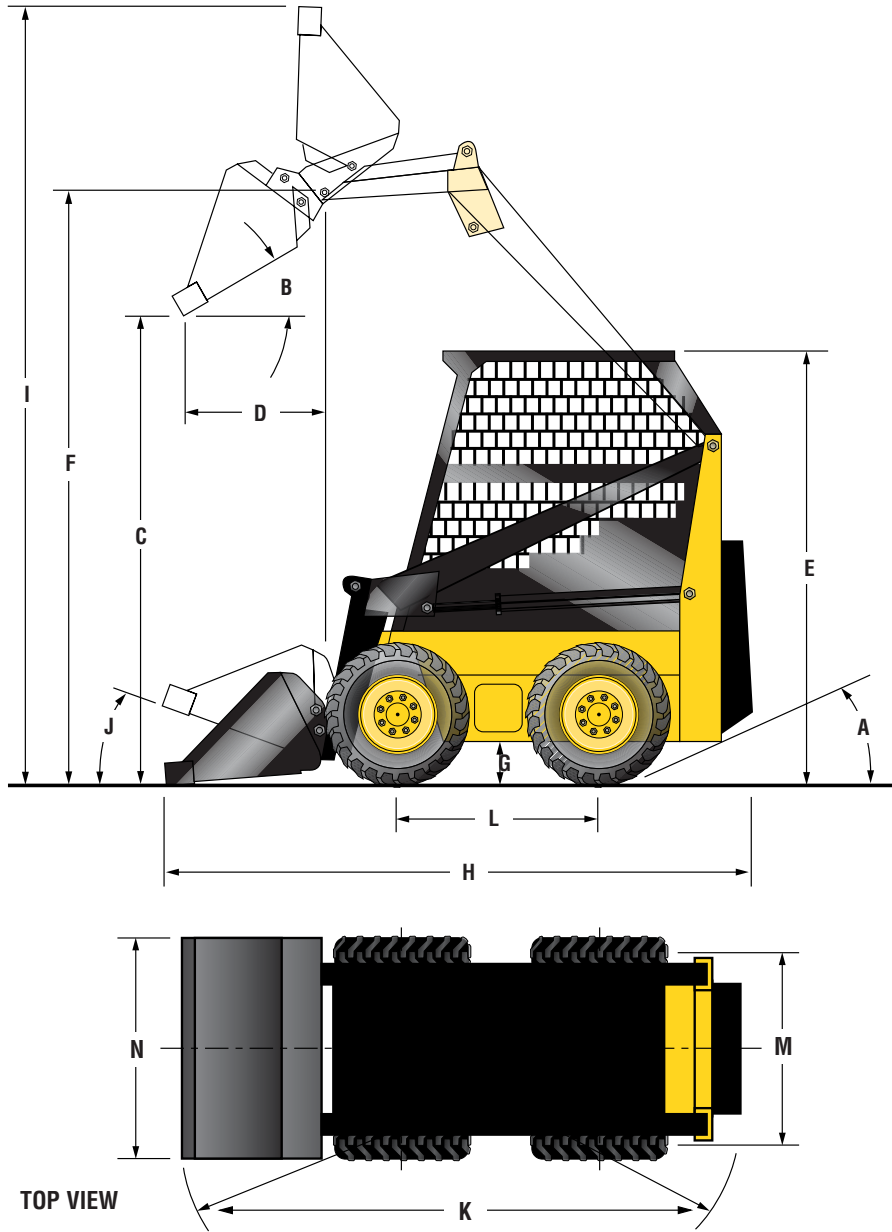
L120 L125

 **NEW HOLLAND**

www.newhollandconstruction.com

L120 L125 Specifications

DIMENSIONS



A. Angle of departure	16°
B. Dump angle (maximum)	34.3°
C. Dump height (SAE)	61.8" (160 cm)
D. Dump reach	
@ maximum height (SAE)	21.4" (54 cm)
E. Height	69.4" (176 cm)
F. Height to hinge pin	93.6" (238 cm)
G. Ground clearance	6.8" (17 cm)
H. Length	95.2" (242 cm)
I. Operating height (maximum)	121.6" (309 cm)
J. Rollback angle (at carry position)	25°
K. Turning radius:	
L120:	
Front	48" (147 cm)
Rear	71" (180 cm)
L125:	
Bucket empty	71" (180 cm)
Bucket full	48" (147 cm)
L. Wheelbase	32" (81 cm)
M. Wheel tread	
w/5.70 x 12 tires	29.4" (75 cm)
w/23 x 8.5-12 tires	31.8" (81 cm)
N. Width	
w/5.70 x 12 tires & 36" bucket	35.2" (89 cm)
w/23 x 8.5 x12 tires & 42" bucket	40.25" (102 cm)

BUCKETS

Type	Width	SAE Heaped cap	SAE Struck cap	Weight
Utility	36" (91 cm)	4.6 ft³ (.13 m³)	3.5 ft³ (.09 m³)	76 lb (35 kg)
Utility	42" (107 cm)	5.3 ft³ (.15 m³)	4.0 ft³ (.11 m³)	89 lb (40 kg)
Utility	47" (119 cm)	6.0 ft³ (.17 m³)	4.5 ft³ (.13 m³)	137 lb (62 kg)

L120 L125 Specifications

CAPACITIES

Hydraulic system	9 gal (34.1 L)
Cooling system	
L120	N.A.
L125	1.15 gal (4.35 L)
Engine crankcase (w/filter)	3.2 qt (3.03 L)
Fuel tank	6 gal (22.7 L)

PERFORMANCE

BREAKOUT FORCE:

SAE bucket breakout force	1,409 lb (639 kg)
SAE boom breakout force	1,137 lb (516 kg)

CYCLE TIMES:

Raising time (with SAE operating load)	5.5 sec
Dumping time (with SAE operating load)	0.9 sec
Lowering time (empty)	3.4 sec
Retract time (empty)	1.9 sec
Total boom-cycle time	11.7 sec

GROUND SPEED:

Maximum	5.8 mph (9.3 kph)
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OPERATING LOAD:

SAE 732 (L120)	600 lb (272 kg)
(L125)	700 lb (317 kg)

OPERATING WEIGHT:

SAE* (L120)	2,050 lb (930 kg)
(L125)	2,185 lb (991 kg)

TIPPING LOAD:

Per SAE J-732 (L120)	1,200 lb (544 kg)
(L125)	1,400 lb (635 kg)

*Base unit plus full fuel tank, 175 lb (79 kg) operator, 72" dirt an foundry bucket, 12.00 x 16.5 tires.

POWER TRAIN

Axle diameter	1.5" (3.8 cm)
Chain size	ASA 60 Standard Roller Chain
Forward and reverse speeds	0–5.8 mph (0–9.3 kph)

ELECTRICAL

Alternator	20 amp
Battery	12-volt 410 CCA @ 0°: (-18°C) maintenance free
System protection:	15 amp circuit breaker

ENGINE

Manufacturer (L120)	Kohler
(L125)	New Holland
Model number (L120)	CH18
(L125)	NH673
Bore and stroke (L120)	3.03" x 2.64" (7.7 cm x 6.7 cm)
(L125)	2.6" x 2.5" (6.7 cm x 6.4 cm)
Cooling system (L120)	Air-cooled
(L125)	Water-cooled
Number of cylinders (L120)	2
(L125)	3
Displacement (L120)	38.1 in3 (624 cc)
(L125)	41.2 in3 (675 cc)
Fuel (L120)	Gas
(L125)	Diesel
Horsepower @ 3,600 rpm (L120)	18 hp (13.3 kW)
(L125)	16.5 hp (12.3 kW)

SPEEDS:

L120:	
Fast, no load	3,600–3,750 rpm
Idle, no load	1,100–1,200 rpm

L125:	
Fast, no load	3,600–3,700 rpm
Idle, no load	1,100–1,200 rpm

Peak torque (L120)	30.0 ft-lb (40 Nm) @ 2500 rpm
(L125)	28.2 ft-lb (38 Nm) @ 2,200 rpm

HYDRAULICS

BOOM CYLINDERS:

Make	New Holland double acting
Bore and stroke	2" x 26.25" (5.08 cm x 66.68 cm)
Rod size	1.25" (3.2 cm)

BUCKET CYLINDERS:

Make	New Holland double acting
Bore and stroke	1.87" x 12" (4.76 cm x 30.48 cm)
Rod size	0.87" (2.2 cm)
Control valve	Two spool, open center with float
Hydraulic pump	Gear type, 8 gpm (30.2 lpm) @ 3,600 rpm
Relief pressure (maximum)	1,600 psi (11,025 kpa)

L120 L125 Base and Optional Equipment

BASE EQUIPMENT

ENGINE

16.5-hp New Holland E673 diesel (L125)
 18-hp Kohler CH18 gas (L120)
 Dry air cleaner
 Single fuel filter

HYDRAULICS

New Holland double-acting boom cylinders
 New Holland double-acting bucket cylinder
 Spin-on filter
 Gear-type, 8-gpm hydraulic pump

TRANSMISSION

Hydrostatic transmission
 High-torque motors
 Engine to transmission pumps
 Belt clutch drive
 ASA 60 Standard Roller Chain
 5.8-mph top speed

ELECTRICAL

12-volt system
 20-amp alternator (L120)
 22-amp alternator (L125)
 Single battery with 410 CCA
 15-amp circuit breaker
 Hour meter
 Fuel gauge
 Seat belt light

SERVICE

Rear door
 10-micron, no bypass, full-flow hydraulic filter

SAFETY

Manual in-cab boom lockouts
 Seatbelt
 Seat switch
 Hydraulic boom lockout
 ROPS operator area

OPTIONAL EQUIPMENT

LIGHTING

Warning lights
 Worklights

TIRES

23 x 8.50-12 Standard Bar Lug Tread
 5.70 x 12 Narrow width

ACCESSORIES

Boom hydraulics
 Heavy-duty air cleaner
 SMV signs

BUCKETS

36" Utility
 42" Utility
 47" Utility



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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.



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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