



NEW HOLLAND

COMPACT TRACK LOADERS



C175 C185 C190

 **NEW HOLLAND**

www.newholland.com

LIFTING PERFORMANCE WITH THE UNMATCHED STABILITY OF TRACKS

New Holland compact track loaders combine the best performance advantages into one machine. You get the superior reach and lift capacity of the exclusive Super Boom® load arm design along with the superior flotation, traction, and stability of tracks.

The patented Super Boom® design advantages

- Vertical lift linkage lifts the load up and away for maximum reach at maximum height
- Bucket remains level for less spillback
- Low center of gravity reduces tipping and increases lift capacity
- Industry-leading rear visibility with no frame towers to block your view

The advantages of wide, durable tracks

- Improved traction in loose, sandy, or muddy conditions so you can push heavier loads
- Faster travel speeds—even over rough ground
- Low ground pressure gives you maximum flotation and minimum soil disturbance
- A wide stance improves stability and offers the smoothest ride

Model C175 features a 12.6-inch track. Models C185 and C190 are available with two track options:

- 17.7-inch track—maximum flotation for sensitive turf
- 15.7-inch track—excellent flotation with additional traction



The ultimate high-performance machines for construction, utility, and grounds maintenance work. See one firsthand at your New Holland construction equipment dealer.



Unmatched Stability

Don't try this with another compact track loader! Only Super Boom compact track loaders give you the kind of stability that allows you to exceed the recommended 3 to 1 slope ratio if needed. This added stability, control, and confidence will keep your operators on schedule.



	C175	C185	C190
Rated Operating Capacity (35% tipping)	2,200 lbs (998 kg)	2,500 lbs (1134 kg)	2,900 lbs (1315 kg)
Tipping Load	6,300 lbs (2858 kg)	7,286 lbs (3305 kg)	8,286 lbs (3758 kg)
Dump clearance at full height	95 in (241 cm)	100 in (254 cm)	102 in (259 cm)
Dump reach at full height	30.7 in (78 cm)	32.5 in (83 cm)	32.3 in (82 cm)



With Super Boom vertical lift linkage, the higher you lift the load, the farther forward you reach, so you enjoy unequalled dump height and reach.

Super Boom compact track loaders offer outstanding visibility in every direction, including to the rear—there are no rear frame towers to block your view.

Rigid Frame with no moving parts means reduced cost of ownership compared to suspension track systems.

Elevated Drive Sprocket increases component life by keeping the motor assembly out of material and moisture.

Easy Track Adjustment using standard wrench and grease gun.

Tapered Track Frame sheds mud and other material.

Steel Embedded Track Cables and Cross Bars resist stretching while transferring the power of the drive train through the track and to the ground.

New Holland Crawler Technology incorporates metal face seals into rollers and idlers.

Crawler-Style Rollers help prevent de-tracking on inclines by using a larger inner diameter flange positioned between the track tabs.

Standard Two-Speed
for increased speed
and productivity.

**Front and Rear
Material Scrapers**
reduce mud and
material build-up on
top of the track frame.

**Permanently
Sealed and Oil
Lubricated Rollers
& Idlers** for life of
undercarriage.

Large Brass Bushings
distribute load better than
bearings and offer
resilience and longevity.

**Single Flange Front
and Rear Idlers** help
prevent de-tracking
on inclines.

RUGGED, SIMPLE UNDERCARRIAGE DESIGN

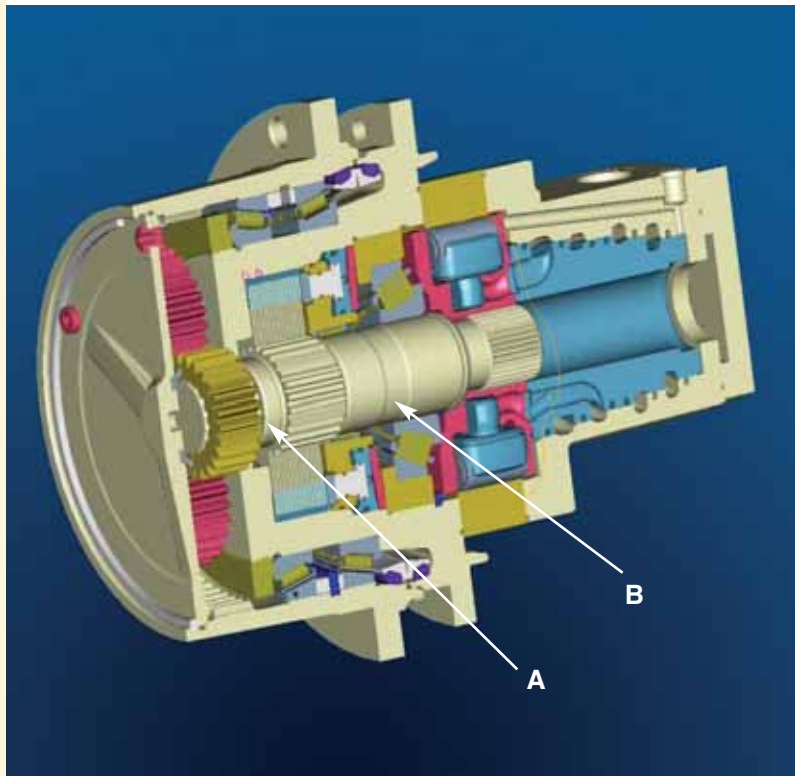
Super Boom® compact track loaders are built with New Holland crawler technology to withstand the toughest conditions and the most challenging workloads. The undercarriage design is simple, yet rugged, giving you a stable ride over rough working surfaces.

Robust undercarriage components

- Strong, steel-belted rubber track
- Oil-lubricated taper roller bearings
- Spring tensioner maintains belt tension and adjusts with a grease gun

Standard, two-speed transmission at your command

- Low speed for pushing into a pile
- High speed for traveling at up to eight miles per hour



The combined gearbox (A) and motor (B) help maximize power output to the tracks.

RESPONSIVE POWER AND FAST MAINTENANCE

New Holland compact track loaders allow you to power through tough conditions and deliver the fast response you need when performing multi-function tasks. Plus, fast maintenance makes it easier for your operators to stay on schedule.

Proven engine power

- Outstanding torque rise and horsepower
- Clean-burning engine with reduced emissions
- Excellent fuel economy
- A high-capacity radiator keeps the engine cool

Quick-response hydraulics

- In-line hydrostatic pumps
- Exceptional boom and bucket breakout forces
- Smooth, quiet operation
- Faster ground speeds
- Reduced cycle times
- Fast-action hydraulic cylinders reduce cycle times

Unmatched support from the factory

- Industry-leading standard warranty
- One-year, unlimited hours



Time-saving maintenance

New Holland compact track loaders lower your operating costs with fast, easy servicing. You can reach all major service points—even with the boom down. Flip up the seat and you have access to hydraulic pumps and drivetrain components. If major repairs are ever necessary, the entire boom and cab assembly lifts up and tilts forward for unobstructed engine and transmission access.





	C175	C185	C190
Horsepower			
Gross	60 hp (45 kW) @ 2900 rpm	78 hp (58 kW) @ 2300 rpm	80 hp (60 kW) @ 2300 rpm
Net	56 hp (42 kW) @ 2900 rpm	72 hp (54 kW) @ 2300 rpm	74 hp (55 kW) @ 2300 rpm
Operating Weight	7,535 lbs (3418 kg)*	9,155 lbs (4152 kg)	9,811 lbs (4450 kg)
Breakout Force			
Bucket	4,312 lbs (1956 kg)	7,670 lbs (3479 kg)	7,670 lbs (3479 kg)
Boom	3,003 lbs (1362 kg)	4,836 lbs (2194 kg)	6,229 lbs (2825 kg)

*Base unit plus full fuel tank, 165 lbs (75 kg) operator, 72" dirt and foundry bucket, and 12.6" (320 mm) track belt width



Stay cool and refreshed by adding a cab enclosure with optional air conditioning.



Adjustable armrests and suspension seat allow operators to find a comfortable working position.



Optional pilot control precision

Operators who prefer pilot controls can now work more productively, precisely and comfortably with a New Holland compact track loader. The left joystick controls steering and forward/reverse travel while the right joystick controls the lift arm and attachment tilt. These low-effort joysticks, combined with the suspension seat and long, contoured adjustable armrests, provide instant response with minimum movement, resulting in precise control and less fatigue.



COMFORT, CONVENIENCE, AND VERSATILITY

The large operator platform gives you all-day comfort, convenient controls, and an outstanding view that leads to increased productivity.

The smoothest ride on the market

- Wider stance than competitive machines
- Low center of gravity
- Comfortable, contoured, suspension seat

Superior visibility

- A large rear window, sloping engine hood, and the lack of rear frame towers create the best rearward sight lines on the market
- The boom's low front cross member provides an unobstructed view to the bucket's cutting edge
- Metal side screens deliver excellent visibility to either side

Easy operation

- Low-effort, self-neutralizing hand controls
- Responsive foot controls with adjustable pedal position
- Push-button change from low to high speed
- State-of-the-art, easy-to-read, electronic instrument control (EIC) panel
- Push-button, spring-applied, hydraulic-released (SAHR) parking brakes



Optional Advanced Instrument Panel provides additional diagnostic tools, fault indicators, engine shut-down protection and security code lockout.



Pilot Control option now available on all compact track loader models.

MORE ATTACHMENTS, MORE VERSATILITY

Whatever you need to do – dig, lift, hammer, trench, plane, mow, sweep, rake or drill – there's a New Holland attachment that will get the job done.

Built for multi-tasking

- Pick Up 'N Go™ universal attaching system for easy hookup to New Holland attachments as well as most competitive-brand attachments
- Over 60 New Holland Loadstar™ attachments are performance-matched to New Holland compact track loaders.

Hard-working attachments

- Specialty buckets
- Pallet forks
- 4-in-1 buckets
- Backhoes
- Dozer blades
- Earth augers
- Snow blades and blowers
- Soil preparators
- Stump grinder
- Tree spades
- Trenchers
- Vibratory roller
- Grader rakes
- Grapples
- Lift boom
- Drills
- Stump grinders
- Tillers
- Brooms
- Hammers
- Mowers
- Silt fence installer
- Chippers
- Concrete chutes
- Concrete claw
- Post drivers
- Rock wheels
- And many more!



Attachment changes without leaving the seat

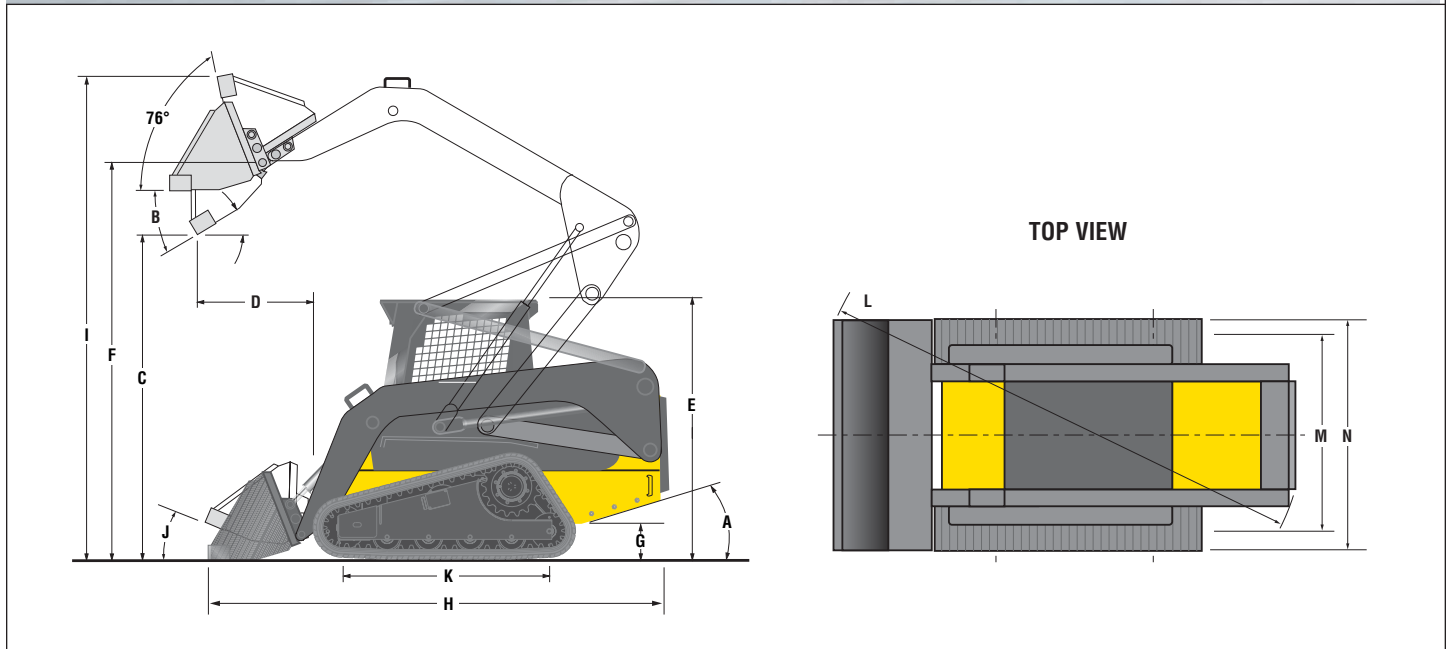
Add the optional hydraulic mount plate and you can attach or remove buckets and attachments using a rocker switch from the operator compartment—no need to leave your seat!





C175 C185 C190 Dimensions and Bucket Selection

DIMENSIONS



DIMENSIONS	C175	C185	C190
A. Angle of departure	28°	32°	28°
B. Dump angle (maximum)	43°	45°	45.3°
C. Dump height (SAE)	95" (241 cm)	100" (255 cm)	101.9" (258 cm)
D. Dump reach @ maximum height (SAE)	30.7" (78 cm)	32.7" (83 cm)	32" (81 cm)
E. Height	75.4" (192 cm)	78" (198 cm)	79.6" (202 cm)
F. Height to hinge pin	119.2" (303 cm)	124.7" (317 cm)	125.6" (319 cm)
G. Ground clearance	7.9" (20 cm)	10.1" (25.7 cm)	10.1" (25.7 cm)
H. Length	129.5" (329 cm)	140" (355 cm)	148.5" (377 cm)
I. Operating height (maximum)	146" (370 cm)	151" (384 cm)	153" (389 cm)
J. Rollback angle (at carry position)	37°	37°	37°
K. Track on ground length	56.5" (144 cm)	64.7" (164 cm)	64.7" (164 cm)
L. Clearance circle	156" (397 cm)	160" (406 cm)	161" (409 cm)
M. Track gauge	58.5" (149 cm)	64.8" (165 cm)	64.8" (165 cm)
N. Width w/12.6" (370 mm) belt	71.1" (181 cm)	82.4" (209 cm)	82.4" (209 cm)

Equipped with Dirt & Foundry Buckets

BUCKET SELECTION

	C175	C185	C190	SAE Strapped Capacity	Capacity	Weight
72" (183 cm) Dirt/Foundry	X			16.7 ft³ (.45 m³)	12.7 ft³ (.35 m³)	390 lbs (177 kg)
84" (198 cm) Dirt/Foundry		X	X	27.9 ft³ (.79 m³)	22.3 ft³ (.63 m³)	480 lbs (218 kg)
84" (198 cm) Low Profile (heavy duty)		X	X	17.0 ft³ (.48 m³)	12.4 ft³ (.35 m³)	550 lbs (249 kg)
72" (183 cm) Low Profile (extended)	X			17.1 ft³ (.48 m³)	12.2 ft³ (.35 m³)	477 lbs (216 kg)
72" (183 cm) Light Material	X			23.7 ft³ (.65 m³)	19.0 ft³ (.52 m³)	435 lbs (197 kg)
84" (198 cm) Light Material	X	X	X	27.9 ft³ (.79 m³)	22.3 ft³ (.63 m³)	500 lbs (227 kg)
72" (183 cm) Manure/Fertilizer	X			19.5 ft³ (.52 m³)	15.5 ft³ (.42 m³)	465 lbs (211 kg)
84" (198 cm) Manure/Fertilizer		X	X	22.5 ft³ (.64 m³)	18.2 ft³ (.52 m³)	540 lbs (245 kg)

C175 C185 C190 Specifications

CAPACITIES	C175	C185	C190
Cooling system	4.5 gal (17 L)	4.5 gal (17 L)	4.5 gal (17 L)
Engine crankcase (w/filter)	2.1 gal (8.0 L)	2.1 gal (8.0 L)	3.2 gal (12 L)
Fuel tank	14.4 gal (54.5 L)	18.0 gal (68.1 L)	21.5 gal (81.4 L)
Hydraulic oil system	8.6 gal (32.5 L)	15.0 gal (57 L)	15.0 gal (57 L)

PERFORMANCE	C175	C185	C190
Angles			
Maximum rollback @ ground	37°	37°	37°
Maximum bucket dump angle @ full height	43°	45°	45°
Breakout force			
SAE bucket breakout force	4,312 lbs (1956 kg)	7,670 lbs (3479 kg)	7,670 lbs (3479 kg)
SAE boom breakout force	3,003 lbs (1362 kg)	4,836 lbs (2194 kg)	6,229 lbs (2825 kg)
Cycle times			
Raising time (with SAE operating load)	3.1 sec	3.0 sec	3.2 sec
Dumping time (with SAE operating load)	2.3 sec	2.2 sec	2.3 sec
Lowering time (empty)	2.1 sec	2.9 sec	4.3 sec
Retract time (empty)	1.5 sec	1.7 sec	1.7 sec
Total boom-cycle time	9.0 sec	9.8 sec	11.5 sec
Dump reach @ maximum dump angle	30.7" (78 cm)	32.5" (80 cm)	32.3" (81.9 cm)
Ground speed max			
Low range	5.6 mph (9 kph)	5.1 mph (8.2 kph)	5.1 mph (8.2 kph)
High range	7.4 mph (12 kph)	8.0 mph (12.9 kph)	8.0 mph (12.9 kph)
Operating loads			
35% of tipping load	2,200 lbs (998 kg)	2,500 lbs (1134 kg)	2,900 lbs (1316 kg)
50% of tipping load	3,150 lbs (1429 kg)	3,643 lbs (1652 kg)	4,143 lbs (1879 kg)
Hydraulic limitation	2,200 lbs (998 kg)	2,850 lbs (1293 kg)	3,670 lbs (1665 kg)
Operating weight			
SAE	7,535 lbs (3418 kg)*	9,155 lbs (4152 kg)**	9,811 lbs (4450 kg)**
Tipping load			
Without weights per SAE J-732	6,300 lbs (2858 kg)	7,286 lbs (3305 kg)	8,286 lbs (3758 kg)

*Base unit plus full fuel tank, 165 lbs (75 kg) operator, 72" dirt and foundry bucket, and 12.6" (320 mm) track belt width

**Base unit plus full fuel tank, 165 lbs (75 kg) operator, 84" dirt and foundry bucket, and 17.7" (450 mm) track belt width

UNDERCARRIAGE	C175	C185	C190
System	High drive offset tread pattern	High drive offset tread pattern	High drive offset tread pattern
Idlers / Rollers per side	2 / 3	2 / 4	2 / 4
Ground Pressure			
12.6" (320 mm) belt	5.3 psi	—	—
15.7" (400 mm) belt	—	4.5 psi	4.8 psi
17.7" (450 mm) belt	—	4.0 psi	4.3 psi

POWERTRAIN	C175	C185	C190
Hydrostatic piston type pumps displacement	2.48 in ³ (40.6 cc)	2.81 in ³ (46 cc)	2.81 in ³ (46 cc)
Hydrostatic axial piston type motors at maximum displacement	3.1 in ³ (50.8 cc)	—	—
Hydrostatic radial piston type motors with maximum displacement	—	18.9 in ³ (310 cc)	18.9 in ³ (310 cc)
Torque at maximum displacement	3.055 ft-lbs (4142 N•m)	4,794 ft-lbs (6450 N•m)	4,794 ft-lbs (6450 N•m)

C175 C185 C190 Specifications

ELECTRICAL	C175	C185	C190
Alternator	55 amp, solid-state rectifier and regulator	95 amp, solid-state rectifier and regulator	95 amp, solid-state rectifier and regulator
Battery	12-volt 650 CCA @ 0°F (-18°C) maintenance free	12-volt 925 CCA @ 0°F (-18°C) maintenance free	12-volt 925 CCA @ 0°F (-18°C) maintenance free
System protection	15 amp circuit breaker	30 amp circuit breaker	30 amp circuit breaker

INSTRUMENTS: Hour meter, voltage alarm, hydraulic oil temperature light and alarm, coolant temperature light and alarm, fuel gauge, transmission charge pressure-light and alarm, engine oil pressure light and alarm, seat belt light, air cleaner restriction light and alarm, transmission filter restriction light and alarm, parking brake reminder light

ENGINE	C175	C185	C190
Manufacturer	New Holland	New Holland	New Holland
Model number	N844LT, turbocharged	334TM2, turbocharged	445M2
Air cleaner	Dual stage, dry element filter	Dual stage, dry element filter	Dual stage, dry element
Bore and stroke	3.3" x 3.9" (84 mm x 100 mm)	4.1" x 5.2" (104 mm x 132 mm)	4.1" x 5.2" (104 mm x 132 mm)
Number of cylinders	4	3	4
Displacement	135 in ³ (2.2 L)	204 in ³ (3.4 L)	274 in ³ (4.5 L)
Fuel	Diesel		
Horsepower @ 2900 rpm			
Gross	60 hp (45 kW)	—	—
SAE net	56 hp (42 kW)	—	—
Horsepower @ 2300 rpm			
Gross	—	78 hp (58 kW)	80 hp (60 kW)
SAE net	—	72 hp (54 kW)	74 hp (55 kW)
Speeds			
Fast, no load	3,130–3,180 rpm	2,450–2,550 rpm	2,430–2,530 rpm
Idle, no load	1,100–1,200 rpm	1,250–1,350 rpm	1,000–1,100 rpm
Peak torque @ 1700 rpm	128 ft-lb (173 N•m)	—	—
Peak torque @ 1400 rpm	—	228 ft-lb (310 N•m)	236 ft-lb (320 N•m)
Torque rise	20%	29%	28%

HYDRAULIC SYSTEM	C175	C185	C190
Bucket cylinders			
Make	New Holland double acting	New Holland double acting	New Holland double acting
Bore and stroke	2.25" x 17.88" (5.7 cm x 45.4 cm)	2.5" x 17.6" (6.35 cm x 44.7 cm)	2.5" x 17.6" (6.35 cm x 44.7 cm)
Rod size	1.25" (3.2 cm)	1.25" (3.2 cm)	1.25" (3.2 cm)
Boom cylinders			
Make	New Holland double acting	New Holland double acting	New Holland double acting
Bore and stroke	2.5" x 21.25" (6.35 cm x 54 cm)	2.5" x 24.06" (6.35 cm x 61 cm)	2.75" x 24.06" (7 cm x 61.1 cm)
Rod size	1.38" (3.5 cm)	1.5" (3.81 cm)	1.75" (4.4 cm)
Control valve	Three-spool, open center	Three-spool, open center	Three-spool, open center
Filtration	4 micron, spin-on filter	6 micron, spin-on filter	6 micron, spin-on filter
Hydraulic pump			
Gear type, 17.2 gpm standard	25.5 gpm high-flow optional	Gear type, 19.3 gpm standard	Gear type, 21.9 gpm
Gear type, 19.3 gpm standard	34.7 gpm high-flow optional	37.3 gpm high-flow optional	37.3 gpm high-flow optional
Oil reservoir	3.9 gal (14.8 L)	5 gal (18.9 L)	5 gal (18.9 L)
Relief pressure setting	2,500–2,600 psi 172–178 bar	3,050 psi 210 bar	3,050 psi 210 bar

C175 C185 C190 Base & Optional Equipment

BASE EQUIPMENT

CONTROLS

Hand/Foot Controls

ENGINE

Block heater (C175)
Quick-start glow plugs (C175)
New Holland N844LT (C175)
New Holland 334TM2 (C185)
New Holland 445M2 (C190)
Dual stage, dry element air filter
Direct injection diesel

HYDRAULICS

Gear-type, 17.2 gpm (C175)
Gear-type, 19.3 gpm (C185)
Gear-type, 20.8 gpm (C190)
New Holland double-acting boom cylinders
Three-spool, open-center control valve
Spin-on filter

TRANSMISSION

7.4 mph top speed (C175)
8.0 mph top speed (C185 & C190)
Two-speed
Variable displacement axial piston pumps, axial piston motors

ELECTRICAL

12-volt system
15-amp circuit breaker (C175)
30-amp circuit breaker (C185 & C190)
55-amp alternator (C175)
95-amp alternator (C185 & C190)
Air cleaner restriction light and alarm
Coolant temperature light and alarm
Engine oil pressure light and alarm
Fuel gauge
Hour meter
Hydraulic oil temperature light and alarm
Parking brake reminder light
Seat belt light
Single battery with 650 CCA (C175)
Single battery with 925 CCA (C185 & C190)
Transmission charge pressure light and alarm
Transmission filter restriction light and alarm
Voltage alarm

LIGHTING

Worklights: two front halogen, one rear halogen

SERVICE

50-hour lube interval
Boom and cab tilting feature
Lift-up seat pan (no tools required)
Low-mounted fuel fill
Radiator moves for cleaning access
Rear engine door/top engine cover
Removable side engine panels (no tools required)

SAFETY

Back-up alarm
Horn
Hydraulic lockout
Manual, in-cab boom lockouts
Retractable seatbelt
ROPS operator area
Spring Applied Hydraulic Release (SAHR) brake

VANDAL PROTECTION

Enclosed fuel cap
Enclosed hydraulic fill
Lockable engine cover and side panels

ACCESSORIES

Boom hydraulics
Cab headliner
Flat-face couplers, standard flow
Suspension seat

OPTIONAL EQUIPMENT

ACCESSORIES

12-volt accessory power plug
15.7 inch belt
Advanced instrument panel with security lockout
Air conditioning
Armrests
Bucket spill guard
Bucket tooth kit
Cab enclosure
Cab jack kit
Cab side window kit
Decal kits
Deluxe instrument panel
Demolition kit
Engine cold start package
Fire extinguisher bracket kit
Floor cover plates
Four-way flashers/warning lights
Hand controls
Heater/defroster
High-flow hydraulics
Hydraulic mount plate
Pilot controls
Rearview mirror
Remote jump-start terminal
SMV signs
Three-inch seatbelt
Top window
Turn signals
Warning beacon

BUCKETS AND ATTACHMENTS

72" Manure/slurry (C175)
72" Utility/light material (C175)
72" Low profile extended (C175)
72" Dirt/foundry (C175)
84" Dirt/foundry (C185 & C190)
84" Low profile/heavy duty (C185 & C190)
84" Light material
84" Manure/fertilizer (C185 & C190)
Pallet forks
Utility forks
Utility grapple
Over 40 LoadStar attachments



**SUPER BOOM®
COMPACT TRACK
LOADERS**

C175

Horsepower
Net 56 hp (42 kW)

Operating weight
7,535 lbs (3418 kg)

Rated operating capacity
35% tipping 2,200 lbs (998 kg)

C185

Horsepower
Net 72 hp (54 kW)

Operating weight
9,155 lbs (4152 kg)

Rated operating capacity
35% tipping 2,500 lbs (1134 kg)

C190

Horsepower
Net 74 hp (55 kW)

Operating weight
9,811 lbs (4450 kg)

Rated operating capacity
35% tipping 2,900 lbs (1316 kg)



**New Holland Construction Equipment
Dealers are committed to your success**

Your New Holland construction equipment dealer can match you with the best equipment for your operation. Your productivity is their goal and your profitability is their priority.

Providing dependable, efficient construction equipment is only the beginning. Your dealer can also make it easier to put New Holland construction equipment to work on your job site by tailoring low-rate financing, lease programs and insurance plans to meet your needs.

After the sale your dealer provides peace of mind with expert parts and service support. Factory-trained technicians will service your equipment promptly and maintain your investment.

Visit your New Holland construction equipment dealer and see for yourself why New Holland is a



New Holland construction equipment is backed with a **1-Year Unlimited-Hour Standard Warranty***

Visit our website at www.newholland.com Or, call toll-free: 1-866-726-3396



*Mid-size and full-size excavators feature 1-year/2,000 hour standard warranties.

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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