

NEW HOLLAND

W110/W130 WHEEL LOADERS



W110 W110TC
W130 W130TC W130LR

 **NEW HOLLAND**

www.newhollandconstruction.com

MAXIMUM UPTIME, MAXIMUM PRODUCTIVITY

New Holland wheel loaders are designed to work hard, moving more material per hour to increase your overall productivity. And with superior operator comfort and easy maintenance, New Holland wheel loaders make the very most of every hour in the work day.

Efficient hydraulics

- Closed-center, load-sensing hydraulic system delivers fast cycle times and maximum breakout force on demand
- Matches hydraulic output to load requirements for maximum efficiency

Proven powerplants

- Rugged New Holland engines provide uncompromised power
- Impressive peak torque increases lugging and lifting power

Best-in-class cab

- Spacious, uncluttered design
- Comfortable seating and low-effort controls
- Outstanding visibility with nearly 50 square feet of seamless glass

Time-saving maintenance

- Reach all daily check points from ground level
- Swing-open, lockable service panels provide quick access to major engine components

Wide range of attachments for multiple applications

- General-Purpose Buckets
- Light Materials Buckets
- Multi-Purpose Buckets
- Rock Buckets
- Penetration Buckets
- Pallet Forks
- Rakes
- Sweepers

Visit your New Holland construction equipment dealer to learn more about New Holland wheel loaders.

	W110 / W110TC	W130 / W130TC / W130LR
Gross horsepower, hp (kW)	119 (89) @ 2,000 rpm	148 (111) @ 2,000 rpm
Net horsepower, hp (kW)	110 (82) @ 2,000 rpm	136 (101) @ 2,000 rpm
Peak Torque, gross, lb-ft (N-m)	355 (481) @1400 rpm	509 (690) @ 1200 rpm
Peak Torque, net, lb-ft (N-m)	336 (455) @1400 rpm	495 (671) @ 1200 rpm
Fuel tank capacity, gal (L)	50 (189)	50 (189)



Tool Carrier Versatility

For the ultimate flexibility when working in multiple applications, choose the W110 TC or W130 TC Tool Carrier model. They feature extra-fast attachment changes and increased productivity during pallet fork operations as well as greater breakout force, greater dump reach, more accurate self leveling and greater visibility.





Enjoy a smooth, stable ride and better turning performance thanks to the longer wheelbase and shorter turning radius.



Limited slip axles are standard equipment for greater traction and control.



Incredible breakout force allows New Holland wheel loaders to dig into heavy, packed materials.



Load Travel Stabilizer

The optional load travel stabilizer (LTS) absorbs shocks and smoothes the ride on rough terrain, for faster travel speeds, and better material retention.



New Holland's Z-linkage loader design delivers outstanding breakout force.





FAST-ACTING, LOAD SENSING HYDRAULICS

Speed and efficiency are built into the hydraulic design of every New Holland wheel loader.

On-demand hydraulic power

- Closed-center, pressure-compensating hydraulic system matches hydraulic output to exact load requirements
- System efficiency results in improved fuel economy, reduced heat generation and increased power to the ground when hydraulics aren't being used
- Dual Rexroth variable-displacement axial piston pumps provide flow and pressure on demand for loader functions
- A steering priority valve assures consistent hydraulic flow for steering

Advantages of Z-bar linkage

- Faster loader cycle time
- Greater tipping load
- Shorter overall length
- Greater visibility to bucket

Advantages of parallel lift (Tool Carrier)

- Greater breakout force - 2 cylinders vs. 1
- Greater dump reach - longer loader arms
- Higher hinge pin height
- Less attachment deviation throughout the lift cycle
- More accurate self-leveling allows for easy, smooth pallet fork maneuvering
- Greater visibility to pallet forks

Easy-load buckets

- Knife-edge cutting edges penetrate easily into the pile
- High hinge pin position provides better crowding action
- Curved bucket floor for fast, easy filling
- Tapered skid plates on the bucket underside reduce ground drag

	W110	W110TC	W130	W130TC	W130LR
Standard SAE heaped bucket capacity, yd ³ (m ³)	2.0 (1.5)	2.0 (1.5)	2.56 (1.96)	2.66 (2.03)	2.56 (1.96)
Breakout force, lbs (kg)	20,952 (9504)	22,396 (10,158)	26,567 (12,051)	23,909 (10,845)	27,386 (12,422)
Tipping load, straight w/bucket, lbs (kg)	18,633 (8452)	15,522 (7041)	22,985 (10,426)	20,290 (9203)	18,925 (8584)
Tipping load, straight w/48" utility forks	12,622 (5725)	10,188 (4621)	15,266 (6925)	12,903 (5853)	13,267 (6018)
Tipping load, 40-degree full turn w/bucket, lbs (kg)	16,227 (7360)	13,529 (6137)	20,064 (9101)	17,570 (7969)	16,442 (7458)
Tipping load, 40-degree full turn, w/48" utility forks	10,945 (4965)	8,874 (4025)	13,279 (6023)	11,188 (5075)	11,484 (5209)
Hydraulic lifting capacity at ground level, lbs (kg)	23,895 (10,839)	22,699 (10,296)	25,643 (11,632)	30,955 (14,041)	22,736 (10,313)

DURABLE DESIGN AND RELIABLE POWER

Tight deadlines, heavy loads, rough terrain, brutal temperatures, or all of the above – A New Holland wheel loader will match your demands.

More power to the ground

- Engine torque response provides extra power when needed
- Direct fuel injection assures outstanding fuel efficiency

Advanced cooling system design

- Virtually eliminates debris buildup and assures flow of clean, cool air to all cooling components
- A hydraulically driven fan with optional purge feature
- Lower component operating temperatures decrease operating costs by reducing fluid breakdown and extending component life
- Mid-mounted cooling system and optimal engine placement

Heavy-duty outboard planetary reduction final drives

- Develop torque at the wheel instead of along the axle
- Reduced axle shaft stress
- Allows independent servicing of one side of the axle shaft

Better traction and control

- Maintenance-free outboard wet disc brakes on all wheels
- Rugged, limited slip differentials keep you moving in the worst conditions by transferring power from the slipping wheel to the wheels with the best traction
- Rear axle oscillates up to 24 degrees for added confidence when working on rough, uneven ground
- Reduced tire spin extends tire life

Reliable articulation joint

- Heavy-duty top and bottom plates
- Double-tapered roller bearings
- High-mount steering cylinders
- Clean hose routing between the front and rear frames



Time-saving servicing

- Sight gauges for transmission and hydraulic fluid levels
- Central environmental fluid drain bank
- 500-hour engine oil change interval
- Maintenance-free driveshaft u-joints
- Extended lubrication intervals for loader linkage pins (50 hours) and articulation joint bearings (1000 hours)



Better balance means better performance

New Holland's main frame design incorporates smart weight distribution and convenient service access. The engine, transmission and cooling system are strategically located for optimum weight distribution. A better balanced machine improves lifting performance and provides a better weight-to-horsepower ratio





You can reach all daily check points from ground level, and can easily reach major engine components through lockable, swing-open service panels.



Powerful engines provide increased torque for more lugging and lifting ability.



Environmental fluid drains for engine oil, coolant and hydraulic oil, as well as hydraulic diagnostic quick couplers save you valuable time.

Analog instrument gauges are easy to see and read. Engine diagnostics provide warning with a three-level warning light system.

Seamless glass provides an unobstructed view to the bucket and the worksite.





Automatic shifting

The Electronic Control Module (ECM) in the powershift transmission receives information from speed sensors and does the shifting for you. In automatic mode, the transmission shifts from the lowest to the highest gear, in forward or reverse, based on speed and torque applied to the torque converter. You can program a preferred starting gear and preferred maximum gear. For added control and safety when traveling downhill, the transmission will not automatically shift up until the throttle is depressed.



COMFORT AND CONVENIENCE EQUAL PRODUCTIVITY

A comfortable operator is more productive. That's why New Holland engineers invest extra time and effort in designing the optimum operator environment.

Outstanding visibility

- Expansive glass area provides excellent overall visibility
- No front corner posts to obstruct your view to the front bucket, and the low rear hood and frame design provide better visibility to the rear
- Front and rear washer/wipers and sun curtains are standard

Convenient, automatic shifting

- State-of-the-art 4x3 powershift transmission features a convenient forward/reverse shuttle lever mounted to the left-hand side of the steering wheel
- Simply press a button to switch between manual, and automatic operating modes

Automatic mode does the shifting for you.

In manual mode, simply twist the shuttle lever to shift between gears.

Fingertip loader control

- Boom and implement controls are located on the right console
- Choice of two-lever pilot-operated controls with a joystick loader control with fast cycle switch and kickdown or the optional fingertip two-lever loader control

Uncluttered, comfortable cab

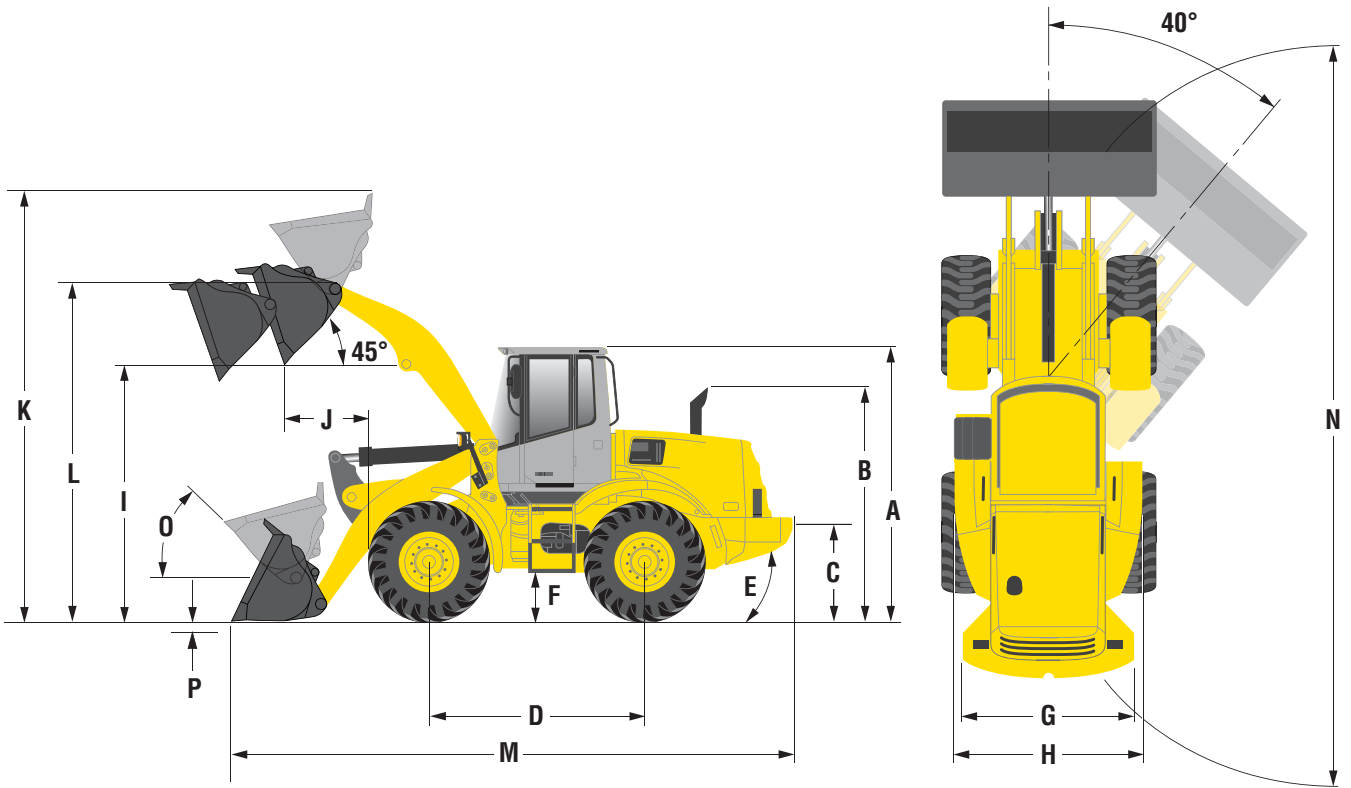
- Wide doors for easy entry and exit
- Quiet, roomy interior dimensions
- Seat and tilting steering column adjust to the perfect position
- Cabs are tightly sealed, heavily insulated and isolation-mounted using maintenance-free oil-filled dampeners to keep out dust, dirt, noise and vibration
- A deep, wide, air-ride seat with foldable armrests is optional

Forward/reverse switch means faster cycle times.



W110 Specifications

DIMENSIONS



DIMENSIONS

A. Height to top of cab	128.6" (3267 mm)	Turning radius-outside of tires	194.2" (4932 mm)
B. Height to top of exhaust	121.9" (3096 mm)	F. Ground clearance	14.9" (377 mm)
C. Height to drawbar	39.5" (1002 mm)	G. Tread width	72.8" (1850 mm)
D. Wheelbase	108.3" (2750 mm)	H. Width over tires	90.9" (2308 mm)
E. Rear departure angle	34°		

W110 Specifications

PERFORMANCE DATA: PIN-ON BUCKETS (see diagram on page 10)

KEY	Bucket Type/Size				
	General Purpose w/Bolt-on Edge	General Purpose w/ Teeth and Segments	General Purpose w/Bolt-on Edge	General Purpose w/ Teeth and Segments	Stockpiling w/Bolt-on Edge
Capacity, heaped (SAE)	2.0 yd ³ (1.5 m ³)	2.0 yd ³ (1.5 m ³)	2.25 yd ³ (1.7 m ³)	2.25 yd ³ (1.7 m ³)	2.5 yd ³ (1.9 m ³)
Capacity, struck (SAE)	1.7 yd ³ (1.3 m ³)	1.7 yd ³ (1.3 m ³)	1.9 yd ³ (1.47 m ³)	1.9 yd ³ (1.47 m ³)	2.1 yd ³ (1.62 m ³)
Bucket width	97.2" (2468 mm)	97.2" (2468 mm)	97.2" (2468 mm)	97.2" (2468 mm)	97.2" (2468 mm)
Bucket weight	1,556 lb. (706 kg)	1,622 lb. (736 kg)	1,639 lb. (744 kg)	1,707 lb. (774 kg)	1,577 lb. (715 kg)
Breakout force	20,952 lb. (9504 kg)	20,885 lb. (9473 kg)	19,393 lb. (8797 kg)	19,322 lb. (8764 kg)	18,197 lb. (8254 kg)
Tipping load, straight	18,633 lb. (8452 kg)	18,547 lb. (8413 kg)	18,426 lb. (8358 kg)	18,337 lb. (8318 kg)	18,418 lb. (8354 kg)
Tipping load @ 40° full turn	16,227 lb. (7360 kg)	16,142 lb. (7322 kg)	16,036 lb. (7274 kg)	15,948 lb. (7234 kg)	16,037 lb. (7274 kg)
I. Dump clearance, 45° dump angle-full height	109.2" (2773 mm)	105.3" (2675 mm)	107.2" (2723 mm)	103.4" (2625 mm)	105.4" (2677 mm)
J. Reach, 45° dump angle, full height	37.9" (963 mm)	41.6" (1057 mm)	39.6" (1006 mm)	43.6" (1107 mm)	41.3" (1049 mm)
Reach, 45° dump angle, 7-ft. (2.13 m) height	55.9" (1420 mm)	57.8" (1469 mm)	56.9" (1445 mm)	58.7" (1491 mm)	57.6" (1463 mm)
Max. Reach, bucket and loader arms level	81.8" (2077 mm)	87.7" (2226 mm)	84.6" (2148 mm)	90.5" (2297 mm)	87.0" (2209 mm)
K. Overall height, bucket @ full height	181.3" (4604 mm)	181.3" (4604 mm)	184.4" (4684 mm)	184.4" (4684 mm)	186.5" (4738 mm)
L. Hinge pin height, fully raised	142.1" (3608 mm)	142.1" (3608 mm)	142.1" (3608 mm)	142.1" (3608 mm)	142.1" (3608 mm)
M. Overall length, bucket on ground	258.4" (6563 mm)	264.3" (6712 mm)	261.3" (6638 mm)	267.2" (6787 mm)	264.1" (6708 mm)
N. Clearance circle, bucket @ carry	428.1" (10,873 mm)	431.5" (10,959 mm)	429.8" (10,916 mm)	433.2" (11,004 mm)	431.4" (10,957 mm)
Hydraulic Lifting Capacity @ Full Height	12,353 lb. (5603 kg)	12,287 lb. (5573 kg)	12,268 lb. (5565 kg)	12,201 lb. (5534 kg)	12,330 lb. (5593 kg)
Hydraulic Lifting Capacity @ Max. Reach	17,077 lb. (7746 kg)	17,011 lb. (7716 kg)	16,977 lb. (7701 kg)	16,908 (7669 kg)	17,027 lb. (7723 kg)
Hydraulic Lifting Capacity @ Ground Level	23,895 lb. (10,839 kg)	23,903 lb. (10,842 kg)	22,096 lb. (10,023 kg)	22,091 lb. (10,020 kg)	20,976 lb. (9515 kg)
Max. dump angle @ full height	50°	50°	50°	50°	50°
Max. Rollback @ full height	54°	54°	54°	54°	54°
Max. Rollback @ max. reach	52°	52°	52°	52°	52°
O. Max. Rollback @ carry	43°	43°	43°	43°	43°
Max. Rollback @ ground	40°	40°	40°	40°	40°
P. Digging depth	2.5" (64 mm)	2.9" (74 mm)	2.8" (70 mm)	3.2" (80 mm)	3.1" (78 mm)
Operating weight	22,915 lb. (10,394 kg)	22,981 lb. (10,424 kg)	22,998 lb. (10,432 kg)	23,065 lb. (10,462 kg)	22,936 lb. (10,403 kg)

ADJUSTMENTS TO OPERATING WEIGHTS AND TIPPING LOADS WITH PIN-ON BUCKETS

For loader with:	Add (+) or deduct (-) lb. (kg) as indicated		
	Operating Weight	Tipping Load, Straight	Tipping Load, 40° Full Turn
17.5x25 12 ply L2	-428 lb. (-194 kg)	-312 lb. (-142 kg)	-277 lb. (-125 kg)
17.5x25 12 ply L3	-220 lb. (-100 kg)	-160 lb. (-73 kg)	-142 lb. (-65 kg)
17.5R25 XHA TL, 1 pc. rim	-64 lb. (-29 kg)	-46 lb. (-21 kg)	-42 lb. (-19 kg)
17.5R25 XHA TL, 3 pc rim	+224 lb. (+102 kg)	+164 lb. (+74 kg)	+144 lb. (+65 kg)
17.5R25 GP-2B TL	+172 lb. (+78 kg)	+126 lb. (+57 kg)	+111 lb. (+50 kg)

Note: Specification data is based on loader equipped with 17.5R25 (16 ply) XTLA Michelin radial tires, ROPS cab with heater & A/C, auxiliary steering, front and rear fenders, full fuel, 175 lb. operator. Specifications per ISO 13497 unless otherwise noted.

W110 Specifications

PERFORMANCE DATA: COUPLER BUCKETS (see diagram on page 10)

KEY	Bucket Type/Size							
	Excavating w/Bolt-on Edge		Excavating w/ Teeth and Segments		Light Material Bucket		4-in-1 w/Bolt-on Edge	
Capacity, heaped(SAE)	2.0 yd ³	(1.5 m ³)	2.0 yd ³	(1.5 m ³)	2.59 yd ³	(1.98 m ³)	1.75 yd ³	(1.32 m ³)
Capacity, struck (SAE)	1.7 yd ³	(1.3 m ³)	1.7 yd ³	(1.3 m ³)	2.24 yd ³	(1.71 m ³)	1.52 yd ³	(1.16 m ³)
Bucket width	97.2"	(2469 mm)	97.3"	(2472 mm)	97.2"	(2469 mm)	97.2"	(2469 mm)
Bucket weight with coupler	2,539 lb.	(1152 kg)	2,354 lb.	(1068 kg)	2,500 lb.	(1134 kg)	3,250 lb.	(1474 kg)
Breakout force	17,364 lb.	(7876 kg)	16,052 lb.	(7281 kg)	17,021 lb.	(7721 kg)	18,046 lb.	(8185 kg)
Tipping load, straight	17,557 lb.	(7964 kg)	17,724 lb.	(8039 kg)	17,608 lb.	(7987 kg)	17,288 lb.	(7842 kg)
Tipping load @ 40° full turn	15,178 lb.	(6885 kg)	15,346 lb.	(6961 kg)	15,236 lb.	(6911 kg)	14,880 lb.	(6749 kg)
I. Dump clearance, 45° dump angle-full height	103.7"	(2634 mm)	100.3"	(2547 mm)	102.8"	(2610 mm)	102.8"	(2611 mm)
J. Reach, 45° dump angle, full height	44.2"	(1122 mm)	47.7"	(1211 mm)	38.9"	(988 mm)	38.9"	(988 mm)
Reach, 45° dump angle, 7-ft. (2.13 m) height	59.4"	(1510 mm)	60.8"	(1544 mm)	53.6"	(1361 mm)	53.6"	(1361 mm)
Max. Reach, bucket and loader arms level	90.0"	(2288 mm)	95.9"	(2377 mm)	86.5"	(2197 mm)	86.3"	(2193 mm)
K. Overall height, bucket @ full height	186.1"	(4727 mm)	186.1"	(4727 mm)	192.7"	(4894 mm)	186.8"	(4745 mm)
L. Hinge pin height, fully raised	142.0"	(3607 mm)	142.0"	(3607 mm)	142.0"	(3607 mm)	142.0"	(3606 mm)
M. Overall length, bucket on ground	266.6"	(6772 mm)	271.8"	(6904 mm)	265.7"	(6750 mm)	266.0"	(6757 mm)
N. Clearance circle, bucket @ carry	432.8"	(10,994 mm)	436.2"	(11,079 mm)	432.3"	(10,981 mm)	432.7"	(10,990 mm)
Hydraulic Lifting Capacity @ Full Height	11,211 lb.	(5085 kg)	11,396 lb.	(5169 kg)	11,236 lb.	(5097 kg)	10,744 lb.	(4873 kg)
Hydraulic Lifting Capacity @ Max. Reach	16,086 lb.	(7296 kg)	16,269 lb.	(7379 kg)	16,098 lb.	(7302 kg)	15,649 lb.	(7098 kg)
Hydraulic Lifting Capacity @ Ground Level	21,267 lb.	(9647 kg)	21,536 lb.	(9,769 kg)	18,174 lb.	(8243 kg)	23,247 lb.	(10,545 kg)
Max. dump angle @ full height	50°		50°		55°		50°	
Max. Rollback @ full height	54°		54°		54°		54°	
Max. Rollback @ max. reach	52°		52°		52°		52°	
O. Max. Rollback @ carry	43°		43°		43°		43°	
Max. Rollback @ ground	40°		40°		43°		43°	
P. Digging depth	3.2"	(81 mm)	3.2"	(81 mm)	6.6"	(168 mm)	6.6"	(168 mm)
Operating weight	23,694 lb.	(10,747 kg)	23,764 lb.	(10,779 kg)	23,582 lb.	(10,697 kg)	24,536 lb.	(11,129 kg)

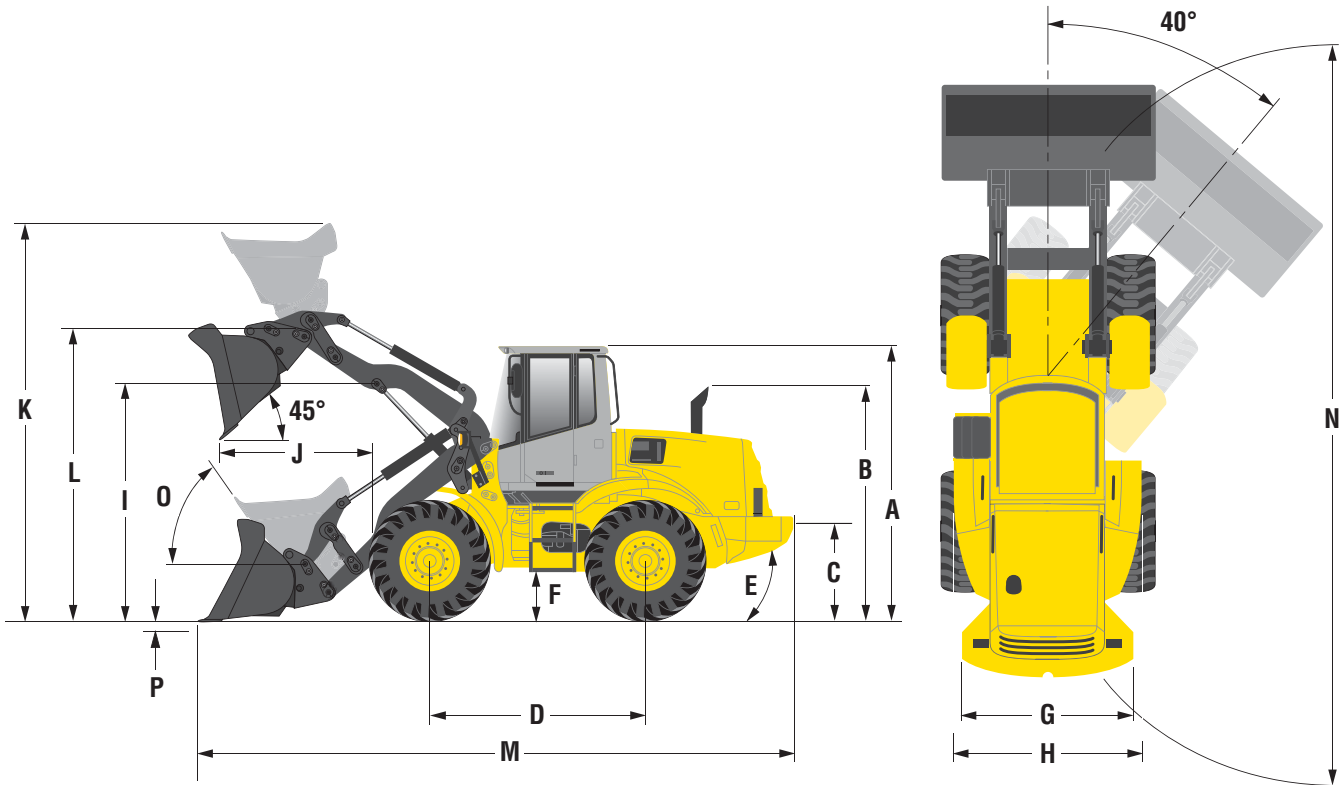
ADJUSTMENTS TO OPERATING WEIGHTS AND TIPPING LOADS WITH PIN-ON BUCKETS

For loader with:	Add (+) or deduct (-) lb. (kg) as indicated					
	Operating Weight		Tipping Load, Straight		Tipping Load, 40° Full Turn	
17.5x25 12 ply L2	-428 lb.	(-194 kg)	-297 lb.	(-135 kg)	-262 lb.	(-119 kg)
17.5x25 12 ply L3	-220 lb.	(-100 kg)	-152 lb.	(-69 kg)	-135 lb.	(-61 kg)
17.5R25 XHA TL, 1 pc. rim	-64 lb.	(-29 kg)	-44 lb.	(-210 kg)	-39 lb.	(-18 kg)
17.5R25 XHA TL, 3 pc rim	+224 lb.	(+102 kg)	+156 lb.	(+71 kg)	+137 lb.	(+62 kg)
17.5R25 GP-2B TL	+172 lb.	(+78 kg)	+120 lb.	(+54 kg)	+105 lb.	(+48 kg)

Note: Specification data is based on loader equipped with 17.5R25 (16 ply) XTLA Michelin radial tires, ROPS cab with heater & A/C, auxiliary steering, front and rear fenders, full fuel, 175 lb. operator. Specifications per ISO 13497 unless otherwise noted.

W110TC Specifications

DIMENSIONS



DIMENSIONS

A. Height to top of cab	128.6" (3267 mm)	Turning radius-outside of tires	194.2" (4932 mm)
B. Height to top of exhaust	121.9" (3096 mm)	F. Ground clearance	14.9" (377 mm)
C. Height to drawbar	39.5" (1002 mm)	G. Tread width	72.8" (1850 mm)
D. Wheelbase	108.3" (2750 mm)	H. Width over tires	90.9" (2308 mm)
E. Rear departure angle	34°		

DIMENSIONS WITH PALLET FORKS

Ground to top of tine (full lift)	139.9" (3553 mm)	Ground clearance	14.9" (377 mm)
Overall height, to top of attachment	160.5" (4077 mm)	Height to top of cab	128.6" (3267 mm)
Pallet fork length	48" (1219 mm)	Fork reach at full height	45.1" (1146 mm)
Wheelbase	108.3" (2750 mm)	Fork reach with tines on ground	43.4" (1102 mm)

W110TC Specifications

PERFORMANCE DATA: COUPLER BUCKETS (see diagram on page 11)

KEY	Bucket Type/Size				
	JRB General Purpose w/Bolt-on Edge	JRB General Purpose w/Teeth	ACS General Purpose w/Bolt-on Edge	ACS General Purpose w/Teeth	4-in-1 JRB w/Bolt-on Edge
Capacity, heaped (SAE)	2.0 yd ³ (1.5 m ³)	2.0 yd ³ (1.5 m ³)	2.0 yd ³ (1.5 m ³)	2.0 yd ³ (1.5 m ³)	1.80 yd ³ (1.40 m ³)
Capacity, struck (SAE)	1.7 yd ³ (1.3 m ³)	1.7 yd ³ (1.3 m ³)	1.7 yd ³ (1.3 m ³)	1.7 yd ³ (1.3 m ³)	1.60 yd ³ (1.20 m ³)
Bucket width	97.2" (2469 mm)	97.2" (2469 mm)	97.2" (2469 mm)	97.2" (2469 mm)	97.2" (2469 mm)
Bucket weight with coupler	2,354 lb. (1068 kg)	2,405 lb. (1091 kg)	2,795 lb. (1268 kg)	2,852 lb. (1294 kg)	2,875 lb. (1304 kg)
Breakout force	22,396 lb. (10,158 kg)	19,891 lb. (9022 kg)	21,929 lb. (9947 kg)	19,583 lb. (8883 kg)	23,215 lb. (10,530 kg)
Tipping load, straight	15,522 lb. (7041 kg)	15,463 lb. (7014 kg)	16,371 lb. (7426 kg)	16,312 lb. (7399 kg)	15,117 lb. (6857 kg)
Tipping load @ 40° full turn	13,529 lb. (6137 kg)	13,471 lb. (6110 kg)	14,245 lb. (6461 kg)	14,186 lb. (6435 kg)	13,107 lb. (5945 kg)
I. Dump clearance, 45° dump angle-full height	102.8" (2610 mm)	98.9" (2513 mm)	107.7" (2735 mm)	104.0" (2641 mm)	101.9" (2588 mm)
J. Reach, 45° dump angle, full height	44.2" (1122 mm)	47.7" (1211 mm)	44.2" (1122 mm)	48.0" (1218 mm)	36.2" (919 mm)
Reach, 45° dump angle, 7-ft. (2.13 m) height	59.4" (1510 mm)	60.8" (1544 mm)	61.8" (1570 mm)	63.5" (1614 mm)	50.5" (1283 mm)
K. Overall height, bucket @ full height	192.4" (4886 mm)	192.4" (4886 mm)	195.8" (4973 mm)	195.8" (4973 mm)	189.1" (4803 mm)
L. Hinge pin height, fully raised	147.3" (3740 mm)	147.3" (3740 mm)	147.2" (3740 mm)	147.2" (3740 mm)	147.2" (3740 mm)
M. Overall length, bucket on ground	270.9" (6881 mm)	276.7" (7028 mm)	265.3" (6739 mm)	271.0" (6883 mm)	271.0" (6885 mm)
N. Clearance circle, bucket @ carry	432.4" (10,983 mm)	435.2" (11,053 mm)	428.0" (10,870 mm)	430.5" (10,935 mm)	433.4" (11,008 mm)
Hydraulic Lifting Capacity @ Full Height	10,627 lb. (4821 kg)	10,572 lb. (4795 kg)	10,675 lb. (4842 kg)	10,616 lb. (4815 kg)	10,186 lb. (4620 kg)
Hydraulic Lifting Capacity @ Max. Reach	14,910 lb. (6763 kg)	14,858 lb. (6739 kg)	14,598 lb. (6622 kg)	14,541 (6596 kg)	14,440 lb. (6550 kg)
Hydraulic Lifting Capacity @ Ground Level	22,699 lb. (10,296 kg)	22,535 lb. (10,222 kg)	24,604 lb. (11,160 kg)	24,480 lb. (11,104 kg)	21,322 lb. (9672 kg)
Max. dump angle @ full height	57°	57°	57°	57°	57°
Max. Rollback @ full height	64°	64°	64°	64°	64°
Max. Rollback @ max. reach	53°	53°	53°	53°	53°
O. Max. Rollback @ carry	57°	57°	57°	57°	57°
Max. Rollback @ ground	57°	57°	58°	58°	56°
P. Digging depth	10.1" (257 mm)	10.5" (266 mm)	3.4" (86 mm)	3.8" (96 mm)	12.9" (329 mm)
Operating weight	23,096 lb. (10,476 kg)	23,146 lb. (10,499 kg)	23,537 lb. (10,676 kg)	23,414 lb. (10,620 kg)	23,617 lb. (10,712 kg)

ADJUSTMENTS TO OPERATING WEIGHTS AND TIPPING LOADS WITH COUPLER BUCKETS

For loader with:	Add (+) or deduct (-) lb. (kg) as indicated		
	Operating Weight	Tipping Load, Straight	Tipping Load, 40° Full Turn
17.5R25 GP-2B GOODYEAR, 3 pc.	284 lb. (129 kg)	188 lb. (85 kg)	167 lb. (76 kg)
17.5R25 XHA TL MICHELIN, 1 pc.	-44 lb. (-20 kg)	-29 lb. (-13 kg)	-25 lb. (-11 kg)
17.5R25 XHA TL MICHELIN, 3 pc.	224 lb. (101 kg)	148 lb. (67 kg)	132 lb. (60 kg)
17.5R25 XTLA TL MICHELIN, 1 pc.	-268 lb. (-122 kg)	-178 lb. (-81 kg)	-156 lb. (-71 kg)
17.5x25 12 ply L2, 1 pc.	-408 lb. (-185 kg)	-271 lb. (-123 kg)	-238 lb. (-108 kg)
17.5x25 12 ply L3, 1 pc.	-200 lb. (-91 kg)	-133 lb. (-60 kg)	-117 lb. (-53 kg)

Note: Specification data is based on loader equipped with 17.5R25 (16 ply) XTLA Michelin radial tires, ROPS cab with heater, counterweight, standard battery, lights, auxiliary steering, front and rear fenders, full fuel, 175 lb operator. Specifications per ISO 13497 unless otherwise noted.

W110TC Specifications

DIMENSIONS AND PERFORMANCE DATA WITH 48" UTILITY FORKS AND ACS COUPLER

Fork length - vertical front, surface of tine to fork tip	48.0"	(1219 mm)
Fork width (max), outside to outside of tine	60.0"	(1524 mm)
Overall height - operating top of attachment, forks level	160.5"	(4077 mm)
Fork clearance @ full height ground to top of tine	139.9"	(3553 mm)
Fork reach @ full height - vertical, front surface of tine to front of tire	45.1"	(1146 mm)
Fork clearance @ max reach, ground to top of tine	70.8"	(1797 mm)
Fork reach (Max) - vertical front surface of tine to front of tire	74.1"	(1881 mm)
Fork reach @ ground - vertical front surface of tine to front of tire	43.4"	(1102 mm)
Fork load center - vertical front surface of tine to load CG	24.0"	(610 mm)
Carry position - hinge pin height	22.5"	(570 mm)
Clearance circle forks w/forks in carry position with 15° rollback (turning dia.-wall to wall)	441.1"	(11,205 mm)
Fork attachment weight includes coupler	1,954 lb.	(886 kg)
Operating load - (per EN 474-3):		
Rough terrain	5,324 lb.	(2415 kg)
Firm and level ground	7,099 lb.	(3220 kg)
Tipping load straight ISO	10,188 lb.	(4621 kg)
Tipping load @ 40° turn ISO	8,874 lb.	(4025 kg)
Operating weight	22,696 lb.	(10295 kg)

ADJUSTMENTS TO OPERATING WEIGHTS AND TIPPING LOADS WITH COUPLER AND 48" UTILITY FORKS

For loader with:	Add (+) or deduct (-) lb. (kg) as indicated					
	Operating Weight		Tipping Load, Straight		Tipping Load, 40° Full Turn	
17.5R25 GP-2B GOODYEAR, 3 pc	284 lb.	(129 kg)	168 lb.	(76 kg)	156 lb.	(71 kg)
17.5R25 XHA TL MICHELIN, 1 pc	-44 lb.	(-20 kg)	20 lb.	(9 kg)	35 lb.	(16 kg)
17.5R25 XHA TL MICHELIN, 3 pc	224 lb.	(102 kg)	130 lb.	(59 kg)	131 lb.	(59 kg)
17.5R25 XTLA TL MICHELIN, 1 pc	-268 lb.	(-122 kg)	-110 lb.	(-50 kg)	-95 lb.	(-43 kg)
17.5x25 12 ply L2, 1 pc	-408 lb.	(-185 kg)	-136 lb.	(-62 kg)	-106 lb.	(-48 kg)
17.5x25 12 ply L3, 1 pc	-200 lb.	(-91 kg)	-22 lb.	(-10 kg)	-7 lb.	(-3 kg)

Note: Specification data is based on loader equipped with 17.5R25 (16 ply) XTLA Michelin radial tires, ROPS cab with heater, counterweight, standard battery, lights, auxiliary steering, front and rear fenders, full fuel, 175 lb operator. Specifications per ISO 13497 unless otherwise noted.

W110 W110TC Base & Optional Equipment

BASE EQUIPMENT

ENGINE

New Holland 445T/M2 4-cylinder turbo diesel
 EPA off-road certified, Tier 2
 Displacement: 275 cu in (4.5 L)
 Horsepower (kilowatts):
 Gross 119hp (89 kW) @ 2000 rpm
 Net 110hp (82 kW) @ 2000 rpm
 Air-to-air after cooler
 Anti-freeze solution -34°F (-37°C)
 Air cleaner – 2 stage w/radial seal elements
 Hydraulically driven suction fan w/ guard
 Advanced Cooling System (ACS)

AXLES & TIRES

Limited slip differentials - front and rear
 Maintenance free driveshafts
 Axle dipsticks
 Wheels, 1-pc rims

TRANSMISSION

Speeds: 4F-3R
 Computer controlled, full-power, proportional shifting
 Single lever electronic shift control
 Programmable gear selection
 Selectable fully-automatic and manual modes
 Electronic transmission disconnect
 On-board diagnostics with fault code storage and retrieval
 Single, vertically mounted, spin-on oil filter
 Oil cooler

HYDRAULICS

Pilot-operated control
 2-Spool valve
 Pressure compensated, load sensing hydraulics
 Wide-angle steering system
 Vertically mounted, spin-on oil filter
 Hydraulic diagnostic quick couplers
 O-ring face seal hydraulic fittings
 Full-flow oil cooler
 Steering system priority

LOADER SYSTEM (W110)

Automatic return-to-dig, automatic height control, and automatic return-to-travel
 Position indicator on bucket
 Single lever / two spool loader control
 Z-bar loader linkage
 Single piece, flame cut, loader arms
 Ground level lubrication points

LOADER SYSTEM (W110TC)

Automatic return-to-dig, automatic height control, and automatic return-to-travel
 Single lever / two spool loader control
 Ground level lubrication points

BRAKES

4-Wheel, outboard mounted, wet disc hydraulic brakes
 Parking brake; switch actuated, spring applied hydraulic release
 Separate front and rear brake systems

ELECTRICAL SYSTEM

24-volt system
 Two Heavy Duty 12V 700 cold cranking amp (CCA) batteries
 Halogen lights:
 2 front and 2 rear work-lights
 2 front driving (hi/low beam)
 Stop/tail lights and backup lights
 Front and rear turn signals and flashers
 Alternator: 70 amp
 Electrical disconnect switch
 Horn
 Backup alarm

OPERATOR STATION

ROPS cab with heater and A/C
 Inside rearview mirror
 Cloth mechanical suspension seat, w/ 51 mm (2 in) seatbelt
 Storage tray, cup holder
 Tilt steering wheel w/integral steering knob
 Fully adjustable wrist rest
 Cigar/cigarette lighter-24 volt
 Wiring & speaker covers, for radio installation

INSTRUMENTS

Individual gauges for:
 1. Engine coolant temp.
 2. Fuel level
 3. Hour meter
 4. Speedometer
 5. Trans. Oil temp.
 Indicator Lights for:
 1. Air filter restriction
 2. Battery charge
 3. Brake oil pressure
 4. Emergency Steering (if equipped)
 5. Engine coolant temp.
 6. Engine oil pressure
 7. Fuel level
 8. General alarm
 9. High beam
 10. Parking break
 11. Trans. Oil temp.
 12. Trans. speed
 13. Turn signals

OTHER EQUIPMENT

Articulation and loader lift arm locking bars
 Drawbar hitch
 Front and rear fenders, left side steps
 Remote drain points
 Front and rear lift and tie down points

OPTIONAL EQUIPMENT

OPERATOR STATION

Mechanical suspension seat,
 Cloth covered with 3" retractable belt
 Air suspension seat,
 Cloth covered with 2" retractable belt
 Cloth covered with 3" retractable belt
 AM/FM cassette stereo radio, 12 volt
 Power converter 24V-12V with outlet
 Fire extinguisher
 Rotating beacon light

ENGINE

Cold weather starting aid, grid heater
 Cold weather starting aid, block heater
 Spark arresting muffler
 Reversing fan (purge feature)

HYDRAULICS

Valve, 2 spool 2 lever control
 Valve, 3 spool 3 lever control
 Valve, 3 spool joystick + 1 lever control
 Hydraulic pin-puller circuit for use with coupler
 Load Travel Stabilizer (LTS)
 Secondary steering

AXLES & TIRES

17.5x25, 12 PR L3 bias ply, rock tread, 1-pc rim
 17.5R25, GP2B radial, traction tread, 3-pc rim
 17.5R25, XTLA radial, traction tread, 1-pc rim
 17.5R25, XTLA radial, traction tread, 3-pc rim
 17.5R25, XHA radial, rock tread, 1-pc rim
 17.5R25, XHA radial, rock tread, 3-pc rim
 Spare tires and wheels

BUCKETS AND ATTACHMENTS (W110)

Pin-on buckets
 JRB hydraulic quick coupler with pin-puller circuit
 JRB 2.25 yd³ general purpose bucket
 Other JRB attachments available— see your New Holland construction equipment dealer for details

BUCKETS AND ATTACHMENTS (W110TC)

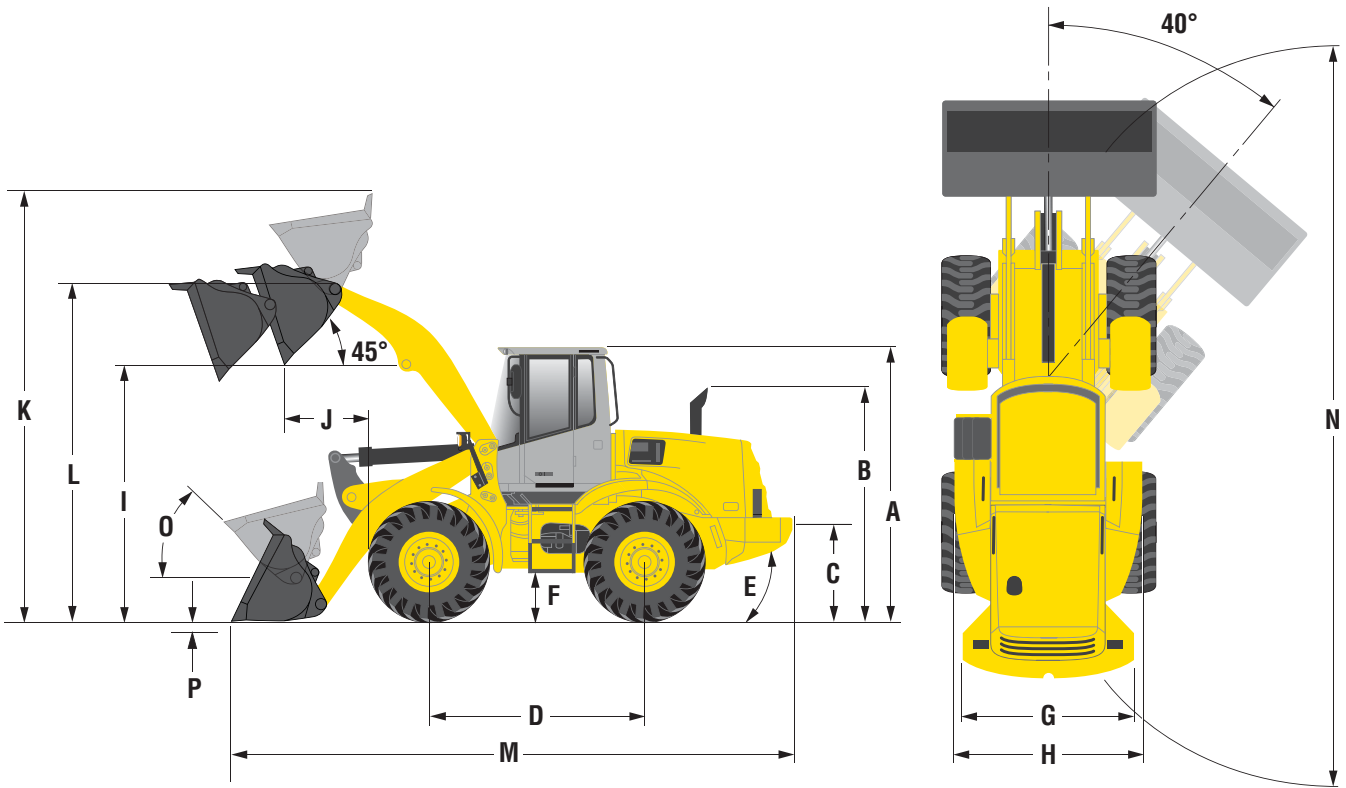
JRB hydraulic quick coupler with pin-puller circuit
 JRB 2.25 yd³ general purpose bucket
 Other JRB attachments available — see your New Holland construction equipment dealer for details
 ACS attachments are available through your New Holland construction equipment dealer
 Pallet Forks

OTHER EQUIPMENT

Standard fenders with RH and LH steps
 Rear frame articulation joint side covers
 Axle stops for use with 17.5 tires with chains
 Tool box
 Transmission side covers
 Special paint, other than standard New Holland yellow

W130 Specifications

DIMENSIONS



DIMENSIONS

A. Height to top of cab	134.0" (3404 mm)	Turning radius-outside of tires	204.5" (5194 mm)
B. Height to top of exhaust	114.8" (2916 mm)	F. Ground clearance	18.7" (474 mm)
C. Height to drawbar	39.7" (1008 mm)	G. Tread width	72.8" (1850 mm)
D. Wheelbase	114.2" (2900 mm)	H. Width over tires	95.4 (2423 mm)
E. Rear departure angle	33°		

W130 Specifications

PERFORMANCE DATA: PIN-ON BUCKETS (see diagram on page 18)

KEY	Bucket Type/Size				
	General Purpose w/Bolt-on Edge	General Purpose w/ Teeth and Segments	General Purpose w/Bolt-on Edge	General Purpose w/ Teeth and Segments	Stockpiling w/Bolt-on Edge
Capacity, heaped (SAE)	2.56 yd ³ (1.96 m ³)	2.56 yd ³ (1.96 m ³)	2.75 yd ³ (2.1 m ³)	2.75 yd ³ (2.1 m ³)	3.0 yd ³ (2.29 m ³)
Capacity, struck (SAE)	2.17 yd ³ (1.66 m ³)	2.17 yd ³ (1.66 m ³)	2.32 yd ³ (1.77 m ³)	2.32 yd ³ (1.77 m ³)	2.56 yd ³ (1.96 m ³)
Bucket width	102.4" (2602 mm)	102.4" (2602 mm)	102.4" (2602 mm)	102.4" (2602 mm)	102.4" (2602 mm)
Bucket weight	1,792 lb. (813 kg)	1,859 lb. (843 kg)	1,856 lb. (842 kg)	1,923 lb. (872 kg)	1,949 lb. (884 kg)
Breakout force	26,567 lb. (12,051 kg)	26,503 lb. (12,022 kg)	24,817 lb. (11,257 kg)	24,753 lb. (11,228 kg)	23,397 lb. (10,613 kg)
Tipping load, straight (ISO)	22,985 lb. (10,426 kg)	22,897 lb. (10,386 kg)	22,793 lb. (10,339 kg)	22,704 lb. (10,298 kg)	22,621 lb. (10,261 kg)
Tipping load @ 40° full turn (ISO)	20,064 lb. (9101 kg)	19,976 lb. (9061 kg)	19,887 lb. (9021 kg)	19,798 lb. (8980 kg)	19,713 lb. (8942 kg)
I. Dump clearance, 45° dump angle-full height	114.2" (2901 mm)	110.4" (2804 mm)	112.2" (2850 mm)	108.4" (2753 mm)	110.4" (2804 mm)
J. Reach, 45° dump angle, full height	36.2" (919 mm)	40.2" (1021 mm)	38.1" (968 mm)	42.2" (1,072 mm)	39.9" (1013 mm)
Reach, 45° dump angle, 7-ft. (2.13 m) height	57.9" (1471 mm)	60" (1524 mm)	58.9" (1496 mm)	60.9" (1547 mm)	59.7" (1516 mm)
Max. Reach, bucket and loader arms level	84.7" (2152 mm)	90.5" (2299 mm)	87.5" (2222 mm)	93.3" (2369 mm)	90.0" (2288 mm)
K. Overall height, bucket @ full height	194.0" (4929 mm)	194.0" (4929 mm)	195.1" (4956 mm)	195.1" (4956 mm)	198.2" (5033 mm)
L. Hinge pin height, fully raised	150.8" (3832 mm)	150.8" (3831 mm)	150.8" (3831 mm)	150.8" (3831 mm)	150.8" (3831 mm)
M. Overall length, bucket on ground	271.5" (6896 mm)	277.3" (7043 mm)	274.5" (6972 mm)	280.3" (7119 mm)	277.1" (7039 mm)
N. Clearance circle, bucket @ carry	451.4" (11,465 mm)	454.7" (11,550 mm)	453.1" (11,508 mm)	456.5" (11,594 mm)	454.6" (11,547 mm)
Hydraulic Lifting Capacity @ Full Height	14,507 lb. (6580 kg)	14,439 lb. (6550 kg)	14,439 lb. (6549 kg)	14,371 lb. (6519 kg)	14,344 lb. (6506 kg)
Hydraulic Lifting Capacity @ Max. Reach	20,557 lb. (9324 kg)	20,489 lb. (9294 kg)	20,483 lb. (9291 kg)	20,415 lb. (9260 kg)	20,384 lb. (9246 kg)
Hydraulic Lifting Capacity @ Ground Level	25,643 lb. (11,632 kg)	25,604 lb. (11,614 kg)	24,216 lb. (10,984 kg)	24,169 lb. (10,963 kg)	23,135 lb. (10,494 kg)
Max. dump angle @ full height	50°	50°	50°	50°	50°
Max. Rollback @ full height	55°	55°	55°	55°	55°
Max. Rollback @ max. reach	53°	53°	53°	53°	53°
O. Max. Rollback @ carry	44°	44°	44°	44°	44°
Max. Rollback @ ground	40°	40°	40°	41°	41°
P. Digging depth	2.9" (73 mm)	3.2" (82 mm)	3.1" (80 mm)	3.5" (88 mm)	3.4" (85 mm)
Operating weight	26,279 lb. (11,920 kg)	26,364 lb. (11,959 kg)	26,361 lb. (11,957 kg)	26,428 lb. (11,988 kg)	26,456 lb. (12,000 kg)

ADJUSTMENTS TO OPERATING WEIGHTS AND TIPPING LOADS WITH PIN-ON BUCKETS

For loader with:	Add (+) or deduct (-) lb. (kg) as indicated		
	Operating Weight	Tipping Load, Straight	Tipping Load, 40° Full Turn
20.5x25 12 ply L2	-100 lb. (-45 kg)	-76 lb. (-35 kg)	-67 lb. (-31 kg)
20.5x25 12 ply L3	+228 lb. (+103 kg)	+173 lb. (+78 kg)	+152 lb. (+69 kg)
20.5R25 XHA TL	+380 lb. (+172 kg)	+288 lb. (+131 kg)	+254 lb. (+115 kg)
20R25 GP-2B TL	+112 lb. (+51 kg)	+85 lb. (+39 kg)	+75 lb. (+34 kg)
20.5R25 RT-3B TL	+456 lb. (+207 kg)	+346 lb. (+157 kg)	+305 lb. (+138 kg)

Note: Above data is based on loader equipped with 20.5R25 (12 ply) XTLA Michelin radial tires, ROPS cab with heater & A/C, auxiliary steering, front and rear fenders, full fuel, 175 lb. operator. Specifications per ISO 13497 unless otherwise noted.

W130 Specifications

PERFORMANCE DATA: COUPLER BUCKETS (see diagram on page 18)

KEY	Bucket Type/Size					
	Excavating w/Bolt-on Edge		Excavating w/ Teeth and Segments		4-in-1 w/Bolt-on Edge	
Capacity, heaped (SAE)	2.51 yd ³	(1.92 m ³)	2.51 yd ³	(1.92 m ³)	2.27 yd ³	(1.74 m ³)
Capacity, struck (SAE)	2.13 yd ³	(1.63 m ³)	2.13 yd ³	(1.63 m ³)	1.99 yd ³	(1.52 m ³)
Bucket width	102.4"	(2602 mm)	102.4"	(2602 mm)	102.4"	(2602 mm)
Bucket Weight, with coupler	2,814 lb.	(1276 kg)	2,914 lb.	(1322 kg)	3,889 lb.	(1764 kg)
Breakout force	23,030 lb.	(10,446 kg)	20,563 lb.	(9327 kg)	23,230 lb.	(10,537 kg)
Tipping load, straight (ISO)	21,611 lb.	(9803 kg)	21,465 lb.	(9736 kg)	20,736 lb.	(9406 kg)
Tipping load @ 40° full turn (ISO)	18,731 lb.	(8496 kg)	18,585 lb.	(8430 kg)	17,872 lb.	(8107 kg)
I. Dump clearance, 45° dump angle-full height	109"	(2769 mm)	106"	(2692 mm)	107.8"	(2738 mm)
J. Reach, 45° dump angle, full height	40"	(1016 mm)	44"	(1118 mm)	37.9"	(963 mm)
Reach, 45° dump angle, 7-ft. (2.13 m) height	59.6"	(1514 mm)	61.5"	(1562 mm)	56.3"	(1430 mm)
Max. Reach, bucket and loader arms level	90.8"	(2306 mm)	96.6"	(2453 mm)	89.0"	(2261 mm)
K. Overall height, bucket @ full height	200.7"	(5098 mm)	200.7"	(5098 mm)	196.5"	(4991 mm)
L. Hinge pin height, fully raised	150.8"	(3830 mm)	150.8"	(3830 mm)	150.7"	(3828 mm)
M. Overall length, bucket on ground	278.3"	(7069 mm)	283.8"	(7209 mm)	278.8"	(7081 mm)
N. Clearance circle, bucket @ carry	455.3"	(11,565 mm)	458.7"	(11,650 mm)	455.8"	(11,578 mm)
Hydraulic Lifting Capacity @ Full Height	13,464 lb.	(6107 kg)	13,364 lb.	(6062 kg)	12,370 lb.	(5611 kg)
Hydraulic Lifting Capacity @ Max. Reach	19,483 lb.	(8838 kg)	19,382 lb.	(8792 kg)	18,374 lb.	(8334 kg)
Hydraulic Lifting Capacity @ Ground Level	23,779 lb.	(10,786 kg)	23,757 lb.	(10,776 kg)	25,833 lb.	(11,718 kg)
Max. dump angle @ full height	50°		50°		50°	
Max. Rollback @ full height	55°		55°		55°	
Max. Rollback @ max. reach	53°		53°		53°	
O. Max. Rollback @ carry	44°		44°		44°	
Max. Rollback @ ground	41°		41°		43°	
P. Digging depth	3.9"	(98 mm)	4.3"	(109 mm)	6.7"	(171 mm)
Operating weight	27,453 lb.	(12,452 kg)	27,592 lb.	(12,516 kg)	28,350 lb.	(12,859 kg)

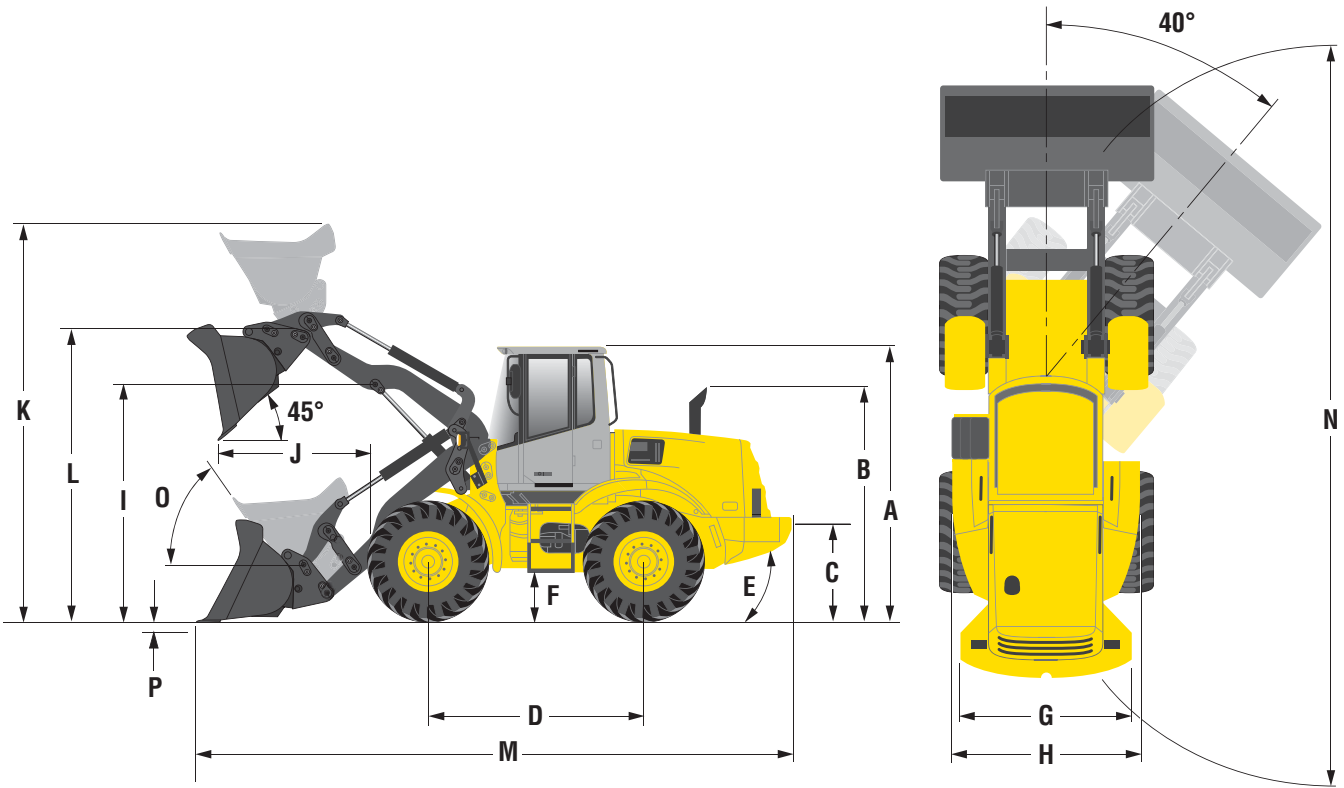
ADJUSTMENTS TO OPERATING WEIGHTS AND TIPPING LOADS WITH PIN-ON BUCKETS

For loader with:	Add (+) or deduct (-) lb. (kg) as indicated					
	Operating Weight		Tipping Load, Straight		Tipping Load, 40° Full Turn	
20.5x25 12 ply L2	-100 lb.	(-45 kg)	-74 lb.	(-34 kg)	-65 lb.	(-30 kg)
20.5x25 12 ply L3	+228 lb.	(+103 kg)	+169 lb.	(+77 kg)	+150 lb.	(+68 kg)
20.5R25 XHA TL	+380 lb.	(+172 kg)	+282 lb.	(+128 kg)	+249 lb.	(+113 kg)
20R25 GP-2B TL	+112 lb.	(+51 kg)	+85 lb.	(+39 kg)	+75 lb.	(+34 kg)
20.5R25 RT-3B TL	+456 lb.	(+207 kg)	+338 lb.	(+153 kg)	+299 lb.	(+136 kg)

Note: Above data is based on loader equipped with 20.5R25 (12 ply) XTLA Michelin radial tires, ROPS cab with heater & A/C, auxiliary steering, front and rear fenders, full fuel, 175 lb. operator. Specifications per ISO 13497 unless otherwise noted.

W130TC Specifications

DIMENSIONS



DIMENSIONS

A. Height to top of cab	134.0" (3404 mm)	Turning radius-outside of tires	203.7" (5175 mm)
B. Height to top of exhaust	114.8" (2917 mm)	F. Ground clearance	18.7" (474 mm)
C. Height to drawbar	39.7" (992 mm)	G. Tread width	72.8" (1850 mm)
D. Wheelbase	114.2" (2900 mm)	H. Width over tires	93.8" (2382 mm)
E. Rear departure angle	33°		

DIMENSIONS WITH PALLET FORKS

Ground to top of tine (full lift)	148.9" (3782 mm)	Ground clearance	18.7" (474 mm)
Overall height, to top of attachment	167.7" (4261 mm)	Height to top of cab	133.9" (3400 mm)
Pallet fork length	48" (1219 mm)	Fork reach at full height	42.6" (1083 mm)
Wheelbase	114.2" (2900 mm)	Fork reach with tines on ground	44.6" (1134 mm)

W130TC Specifications

PERFORMANCE DATA: COUPLER BUCKETS (see diagram on page 19)

KEY	Bucket Type/Size				
	JRB General Purpose w/Bolt-on Edge	JRB General Purpose w/Teeth	4-in-1 JRB w/Bolt-on Edge	ACS General Purpose w/Teeth	ACS General Purpose w/Bolt-on Edge
Capacity, heaped (SAE)	2.66 yd ³ (2.03 m ³)	2.66 yd ³ (2.03 m ³)	2.25 yd ³ (1.72 m ³)	2.66 yd ³ (2.03 m ³)	2.66 yd ³ (2.03 m ³)
Capacity, struck (SAE)	2.29 yd ³ (1.75 m ³)	2.29 yd ³ (1.75 m ³)	1.81 yd ³ (1.38 m ³)	2.29 yd ³ (1.75 m ³)	2.29 yd ³ (1.75 m ³)
Bucket width	102.4" (2602 mm)	102.4" (2602 mm)	102.4" (2602 mm)	102.4" (2601 mm)	102.4" (2601 mm)
Bucket weight with coupler	2,922 lb. (1325 kg)	3,062 lb. (1389 kg)	3,820 lb. (1733 kg)	3,057 lb. (1387 kg)	3,125 lb. (1417 kg)
Breakout force	23,909 lb. (10,845 kg)	21,695 lb. (9841 kg)	23,843 lb. (10,815 kg)	21,527 lb. (9,764 kg)	26,739 lb. (12,129 kg)
Tipping load, straight	20,290 lb. (9203 kg)	20,144 lb. (9137 kg)	19,346 lb. (8775 kg)	21,349 lb. (9684 kg)	20,371 lb. (9240 kg)
Tipping load @ 40° full turn	17,570 lb. (7969 kg)	17,424 lb. (7903 kg)	16,626 lb. (7542 kg)	18,498 lb. (8391 kg)	17,631 lb. (7997 kg)
I. Dump clearance, 45° dump angle-full height	108.7" (2762 mm)	104.9" (2665 mm)	107.1" (2721 mm)	108.1" (2746 mm)	113.3" (2877 mm)
J. Reach, 45° dump angle, full height	48.8" (1239 mm)	52.7" (1340 mm)	46.3" (1177 mm)	43.4" (1102 mm)	44.9" (1141 mm)
Reach, 45° dump angle, 7-ft. (2.13 m) height	68.2" (1731 mm)	69.9" (1775 mm)	64.8" (1645 mm)	62.0" (1574 mm)	66.7" (1694 mm)
K. Overall height, bucket @ full height	209.9" (5332 mm)	209.9" (5332 mm)	213.7" (5428 mm)	202.2" (5137 mm)	210.7" (5351 mm)
L. Hinge pin height, fully raised	155.9" (3961 mm)	155.9" (3961 mm)	155.9" (3960 mm)	150.9" (3833 mm)	155.9" (3961 mm)
M. Overall length, bucket on ground	287.1" (7293 mm)	293.0" (7441 mm)	288.8" (7335 mm)	280.8" (7132 mm)	280.3" (7121 mm)
N. Clearance circle, bucket @ carry	453.2" (11,511 mm)	455.8" (11,577 mm)	454.8" (11,551 mm)	456.7" (11,600 mm)	450.2" (11,435 mm)
Hydraulic Lifting Capacity @ Full Height	12,243 lb. (5553 kg)	12,100 lb. (5488 kg)	11,378 lb. (5161 kg)	13,138 lb. (5959 kg)	12,108 lb. (5492 kg)
Hydraulic Lifting Capacity @ Max. Reach	17,767 lb. (8059 kg)	17,626 lb. (7995 kg)	16,888 lb. (7660 kg)	19,206 (8712 kg)	17,580 (7974 kg)
Hydraulic Lifting Capacity @ Ground Level	30,955 lb. (14,041 kg)	30,434 lb. (13,804 kg)	27,635 lb. (12,535 kg)	20,928 lb. (9493 kg)	30,840 lb. (13,989 kg)
Max. dump angle @ full height	55°	55°	55°	52°	55°
Max. Rollback @ full height	59°	59°	59°	55°	59°
Max. Rollback @ max. reach	54°	54°	54°	52°	54°
O. Max. Rollback @ carry	58°	58°	58°	44°	58°
Max. Rollback @ ground	58°	58°	59°	40°	57°
P. Digging depth	3.4" (86 mm)	3.8" (96 mm)	6.2" (158 mm)	2.8" (70 mm)	2.4" (61 mm)
Operating weight	27,711 lb. (12,570 kg)	27,851 lb. (12,633 kg)	28,609 lb. (12,977 kg)	27,562 lb. (12,502 kg)	27,915 lb. (12,662 kg)

ADJUSTMENTS TO OPERATING WEIGHTS AND TIPPING LOADS WITH COUPLER BUCKETS

For loader with:	Add (+) or deduct (-) lb. (kg) as indicated		
	Operating Weight	Tipping Load, Straight	Tipping Load, 40° Full Turn
20.5R25 GP-2B GOODYEAR	252 lb. (114 kg)	179 lb. (81 kg)	158 lb. (72 kg)
20.5R25 RT-3B GOODYEAR	607 lb. (275 kg)	431 lb. (195 kg)	380 lb. (173 kg)
20.5R25 XHA TL MICHELIN	380 lb. (173 kg)	270 lb. (122 kg)	238 lb. (108 kg)
20.5X25 12 PLY L2	-100 lb. (-45 kg)	-71 lb. (-32 kg)	-63 lb. (-29 kg)
20.5X25 12 PLY L3	228 lb. (104 kg)	162 lb. (73 kg)	143 lb. (65 kg)

Note: Specification data is based on loader equipped with 20.5R25 (12 ply) XTLA Michelin radial tires, ROPS cab with heater, standard counterweight, standard battery, lights, auxiliary steering, front and rear fenders, full fuel, 175 lb operator.

W130TC Specifications

DIMENSIONS AND PERFORMANCE DATA WITH 48" UTILITY FORKS AND ACS COUPLER

Fork length - vertical front, surface of tine to fork tip	48.0"	(1219 mm)
Fork width (max), outside to outside of tine	60.0"	(1524 mm)
Overall height - operating top of attachment, forks level	167.7"	(4261 mm)
Fork clearance @ full height ground to top of tine	148.9"	(3782 mm)
Fork reach @ full height – vertical, front surface of tine to front of tire	42.6"	(1083 mm)
Fork clearance @ max reach, ground to top of tine	73.9"	(1876 mm)
Fork reach (Max) - vertical front surface of tine to front of tire	75.1"	(1908 mm)
Fork reach @ ground – vertical front surface of tine to front of tire	44.6"	(1134 mm)
Fork load center - vertical front surface of tine to load CG	24.0"	(610 mm)
Carry position - hinge pin height	21.1"	(535 mm)
Clearance circle forks w/forks in carry position with 15° rollback (turning dia.-wall to wall)	456.7"	(11,600 mm)
Fork attachment weight includes coupler	1,975 lb.	(896 kg)
Operating load - (per EN 474-3):		
Rough terrain	6,713 lb.	(3045 kg)
Firm and level ground	8,950 lb.	(4060 kg)
Tipping load straight ISO	12,903 lb.	(5853 kg)
Tipping load @ 40° turn ISO	11,188 lb.	(5075 kg)
Operating weight	26,765 lb.	(12,140 kg)

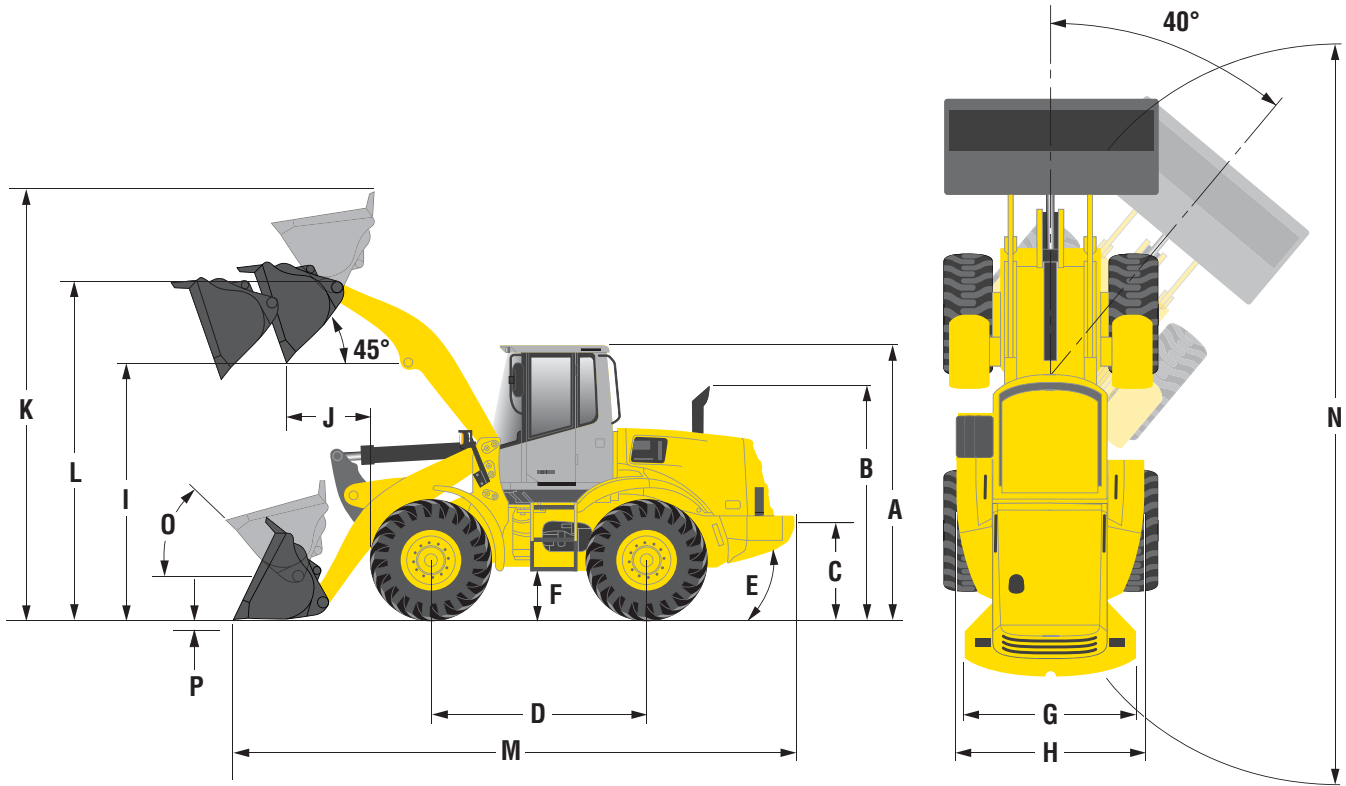
ADJUSTMENTS TO OPERATING WEIGHTS AND TIPPING LOADS WITH COUPLER AND 48" UTILITY FORKS

For loader with:	Add (+) or deduct (-) lb. (kg) as indicated					
	Operating Weight		Tipping Load, Straight		Tipping Load, 40° Full Turn	
20.5R25 GP-2B GOODYEAR	252 lb.	(114 kg)	159 lb.	(72 kg)	175 lb.	(80 kg)
20.5R25 RT-3B GOODYEAR	607 lb.	(275 kg)	307 lb.	(139 kg)	313 lb.	(142 kg)
20.5R25 XHA TL MICHELIN	380 lb.	(172 kg)	212 lb.	(96 kg)	221 lb.	(100 kg)
20.5X25 12 PLY L2	-100 lb.	(-45 kg)	-64 lb.	(-29 kg)	-38 lb.	(-17 kg)
20.5X25 12 PLY L3	228 lb.	(103 kg)	227 lb.	(103 kg)	289 lb.	(131 kg)

Note: Above data is based on loader equipped with 20.5R25 (12 ply) XTLA Michelin radial tires, ROPS cab with heater & A/C, auxiliary steering, front and rear fenders, full fuel, 175 lb. operator. Specifications per ISO 13497 unless otherwise noted.

W130LR Specifications

DIMENSIONS



DIMENSIONS

A. Height to top of cab	134.0" (3404 mm)	Turning radius-outside of tires	203.7" (5175 mm)
B. Height to top of exhaust	114.8" (2916 mm)	F. Ground clearance	18.7" (474 mm)
C. Height to drawbar	39.0" (992 mm)	G. Tread width	72.8" (1850 mm)
D. Wheelbase	114.2" (2900 mm)	H. Width over tires	95.4 (2423 mm)
E. Rear departure angle	33°		

W130LR Specifications

PERFORMANCE DATA: PIN-ON BUCKETS (see diagram on page 24)

KEY	Bucket Type/Size				
	General Purpose w/Bolt-on Edge	General Purpose w/Teeth	General Purpose w/Bolt-on Edge	General Purpose w/Teeth and Segments	Stockpiling w/Bolt-on Edge
Capacity, heaped (SAE)	2.56 yd ³ (1.96 m ³)	2.56 yd ³ (1.96 m ³)	2.75 yd ³ (2.1 m ³)	2.75 yd ³ (2.1 m ³)	3.0 yd ³ (2.29 m ³)
Capacity, struck (SAE)	2.17 yd ³ (1.66 m ³)	2.17 yd ³ (1.66 m ³)	2.32 yd ³ (1.77 m ³)	2.32 yd ³ (1.77 m ³)	2.56 yd ³ (1.96 m ³)
Bucket width	102.4" (2602 mm)	102.4" (2602 mm)	102.4" (2602 mm)	102.4" (2602 mm)	102.4" (2602 mm)
Bucket weight	1,792 lb. (813 kg)	1,859 lb. (843 kg)	1,856 lb. (842 kg)	1,923 lb. (872 kg)	1,951 lb. (885 kg)
Breakout force	27,386 lb. (12,422 kg)	27,298 lb. (12,382 kg)	25,568 lb. (11,597 kg)	25,481 lb. (11,558 kg)	23,936 lb. (10,857 kg)
Tipping load, straight (ISO)	18,925 lb. (8584 kg)	18,839 lb. (8545 kg)	18,747 lb. (8503 kg)	18,661 lb. (8464 kg)	18,548 lb. (8413 kg)
Tipping load @ 40° full turn (ISO)	16,442 lb. (7458 kg)	16,357 lb. (7419 kg)	16,278 lb. (7384 kg)	16,192 lb. (7345 kg)	16,082 lb. (7295 kg)
I. Dump clearance, 45° dump angle-full height	130.9" (3325 mm)	127.1" (3228 mm)	128.9" (3275 mm)	125.1" (3179 mm)	127.2" (3230 mm)
J. Reach, 45° dump angle, full height	36.2" (920 mm)	40.2" (1022 mm)	38.2" (970 mm)	42.2" (1072 mm)	39.9" (1014 mm)
Reach, 45° dump angle, 7-ft. (2.13 m) height	71.7" (1821 mm)	74.1" (1882 mm)	72.8" (1850 mm)	75.1" (1909 mm)	73.8" (1875 mm)
K. Overall height, bucket @ full height	210.9" (5357 mm)	210.9" (5357 mm)	212.0" (5384 mm)	212.0" (5384 mm)	215.0" (5461 mm)
L. Hinge pin height, fully raised	167.7" (4259 mm)	167.7" (4259 mm)	167.7" (4259 mm)	167.7" (4259 mm)	167.7" (4259 mm)
M. Overall length, bucket on ground	287.6" (7304 mm)	293.3" (7450 mm)	290.5" (7379 mm)	296.2" (7525 mm)	293.1" (7446 mm)
N. Clearance circle, bucket @ carry	466.0" (11,836 mm)	469.7" (11,931 mm)	467.9" (11,885 mm)	471.7" (11,981 mm)	469.6" (11,929 mm)
Hydraulic Lifting Capacity @ Full Height	14,054 lb. (6375 kg)	13,987 lb. (6344 kg)	13,989 lb. (6345 kg)	13,922 lb. (6315 kg)	13,894 lb. (6302 kg)
Hydraulic Lifting Capacity @ Max. Reach	18,324 lb. (8312 kg)	18,255 lb. (8280 kg)	18,239 lb. (8273 kg)	18,169 lb. (8241 kg)	18,121 lb. (8219 kg)
Hydraulic Lifting Capacity @ Ground Level	22,736 lb. (10,313 kg)	22,662 lb. (10,279 kg)	22,520 lb. (10,215 kg)	22,447 lb. (10,182 kg)	22,253 lb. (10,094 kg)
Max. dump angle @ full height	49°	49°	49°	49°	49°
Max. Rollback @ full height	59°	59°	59°	59°	59°
Max. Rollback @ max. reach	55°	55°	55°	55°	55°
O. Max. Rollback @ carry	45°	45°	45°	45°	45°
Max. Rollback @ ground	40°	40°	40°	40°	40°
P. Digging depth	2.9" (75 mm)	3.3" (83 mm)	3.2" (81 mm)	3.5" (89 mm)	3.4" (87 mm)
Operating weight	26,578 lb. (12,056 kg)	26,645 lb. (12,086 kg)	26,642 lb. (12,085 kg)	26,709 lb. (12,115 kg)	26,737 lb. (12,128 kg)

ADJUSTMENTS TO OPERATING WEIGHTS AND TIPPING LOADS WITH PIN-ON BUCKETS

For loader with:	Add (+) or deduct (-) lb. (kg) as indicated		
	Operating Weight	Tipping Load, Straight	Tipping Load, 40° Full Turn
20.5x25 12 ply L2	-100 lb. (-45 kg)	-65 lb. (-29 kg)	-57 lb. (-26 kg)
20.5x25 12 ply L3	+228 lb. (+103 kg)	+147 lb. (+67 kg)	+130 lb. (+59 kg)
20.5R25 XHA TL	+380 lb. (+172 kg)	+245 lb. (+111 kg)	+217 lb. (+98 kg)
20R25 GP-2B	+252 lb. (+114 kg)	+162 lb. (+74 kg)	+144 lb. (+65 kg)
20.5R25 RT-3B	+607 lb. (+275 kg)	+391 lb. (+177 kg)	+346 lb. (+157 kg)

Note: Above data is based on loader equipped with 20.5R25 (12 ply) XTLA Michelin radial tires, ROPS cab with heater & A/C, counter weight, standard battery, auxiliary steering, front and rear fenders, lights, full fuel, 175 lb. operator. Specifications per ISO 13497 unless otherwise noted.

W130LR Specifications

PERFORMANCE DATA: COUPLER BUCKETS (see diagram on page 24)

KEY	Bucket Type/Size					
	Excavating w/Bolt-on Edge		Excavating w/Teeth and Segments		4-in-1 w/Bolt-on Edge	
Capacity, heaped (SAE)	2.66 yd ³	(2.03 m ³)	2.66 yd ³	(2.03 m ³)	2.25 yd ³	(1.72 m ³)
Capacity, struck (SAE)	2.29 yd ³	(1.75 m ³)	2.29 yd ³	(1.75 m ³)	1.81 yd ³	(1.38 m ³)
Bucket width	102.4"	(2602 mm)	102.4"	(2602 mm)	102.4"	(2602 mm)
Bucket Weight, with coupler	2,948 lb.	(1337 kg)	3,086 lb.	(1400 kg)	3,845 lb.	(1744 kg)
Breakout force	23,722 lb.	(10,760 kg)	21,161 lb.	(9,598 kg)	23,544 lb.	(10,679 kg)
Tipping load, straight (ISO)	17,639 lb.	(8001 kg)	17,494 lb.	(7935 kg)	16,804 lb.	(7622 kg)
Tipping load @ 40° full turn (ISO)	15,185 lb.	(6888 kg)	15,041 lb.	(6822 kg)	14,338 lb.	(6504 kg)
I. Dump clearance, 45° dump angle-full height	126.1"	(3204 mm)	122.3"	(3107 mm)	127.4"	(3235 mm)
J. Reach, 45° dump angle, full height	40.4"	(1026 mm)	44.4"	(1127 mm)	35.9"	(912 mm)
Reach, 45° dump angle, 7-ft. (2.13 m) height	73.8"	(1874 mm)	75.9"	(1928 mm)	69.9"	(1775 mm)
K. Overall height, bucket @ full height	215.0"	(5460 mm)	215.0"	(5460 mm)	213.9"	(5434 mm)
L. Hinge pin height, fully raised	167.6"	(4258 mm)	167.6"	(4258 mm)	167.6"	(4257 mm)
M. Overall length, bucket on ground	294.5"	(7480 mm)	300.2"	(7626 mm)	291.6"	(7406 mm)
N. Clearance circle, bucket @ carry	470.7"	(11,955 mm)	474.6"	(12,045 mm)	472.0"	(11,988 mm)
Hydraulic Lifting Capacity @ Full Height	12,875 lb.	(5840 kg)	12,736 lb.	(5777 kg)	11,978 lb.	(5433 kg)
Hydraulic Lifting Capacity @ Max. Reach	17,117 lb.	(7764 kg)	16,977 lb.	(7701 kg)	16,240 lb.	(7366 kg)
Hydraulic Lifting Capacity @ Ground Level	21,566 lb.	(9782 kg)	21,428 lb.	(9719 kg)	20,823 lb.	(9445 kg)
Max. dump angle @ full height	46°		46°		46°	
Max. Rollback @ full height	59°		59°		59°	
Max. Rollback @ max. reach	54°		54°		54°	
O. Max. Rollback @ carry	45°		45°		45°	
Max. Rollback @ ground	41°		41°		42°	
P. Digging depth	3.9"	(100 mm)	4.3"	(109 mm)	5.9"	(149 mm)
Operating weight	27,734 lb.	(12,580 kg)	27,873 lb.	(12,643 kg)	28,632 lb.	(12,987 kg)

ADJUSTMENTS TO OPERATING WEIGHTS AND TIPPING LOADS WITH PIN-ON BUCKETS

For loader with:	Add (+) or deduct (-) lb. (kg) as indicated					
	Operating Weight		Tipping Load, Straight		Tipping Load, 40° Full Turn	
20.5x25 12 ply L2	-100 lb.	(-45 kg)	-74 lb.	(-34 kg)	-65 lb.	(-30 kg)
20.5x25 12 ply L3	+228 lb.	(+103 kg)	+169 lb.	(+77 kg)	+150 lb.	(+68 kg)
20.5R25 XHA TL	+380 lb.	(+172 kg)	+282 lb.	(+128 kg)	+249 lb.	(+113 kg)
20R25 GP-2B TL	+112 lb.	(+51 kg)	+85 lb.	(+39 kg)	+75 lb.	(+34 kg)
20.5R25 RT-3B TL	+456 lb.	(+207 kg)	+338 lb.	(+153 kg)	+299 lb.	(+136 kg)

Note: Above data is based on loader equipped with 20.5R25 (12 ply) XTLA Michelin radial tires, ROPS cab with heater & A/C, auxiliary steering, front and rear fenders, full fuel, 175 lb. operator. Specifications per ISO 13497 unless otherwise noted.

W130 W130TC W130LR Specifications

ENGINE

Make and Model.....	New Holland 668TA/M2, Tier 2 certified
Cylinders	6
Displacement	411 cu. in. (6.7 L)
Bore x Stroke	4.09" (104 mm) x 5.20" (132 mm)
Power - Rated / Peak	
Gross (per SAE J1995).....	148 hp (111 kW) @
2,000 rpm/149 hp (111 kW) @ 1800 rpm	
Net (per SAE J1349).....	136 hp (101 kW) @
2,000 rpm/139 hp (103 kW) @ 1800 rpm	
Torque - Peak	
Gross (per SAE J1995).....	509 lb.-ft. (690 N-m) @ 1,200 rpm
Net (per SAE J1349).....	495 lb.-ft. (671 N-m) @ 1,200 rpm
Torque Rise	33%
Fuel Injection	Direct injection, diesel
Fuel Filter	Full-flow spin-on cartridge
Lube System	Full-flow spin-on filter cartridge with integral cooler
Aspiration	Turbocharged, air to air cooled
Air Cleaner.....	Dry type elements with warning restriction indicator
Advanced Cooling System	Independent mounted coolers, mid-mounted
Fan	Hydraulically driven suction fan,
	28" (711mm) diameter, purge feature (optional)
Radiator	5 rows, 9 fins/in.

TRANSMISSION

Type	Countershaft, power shift	
Torque Converter	Single-phase, single-stage, 2.66:1 stall ratio	
Shift Control System.....	Electronic control module,	
	torque sensing, manual or automatic shifting	
Control location	Steering column-mounted twist-grip shift lever,	
	auxiliary controls on loader joystick	
Travel speeds with 20.5x25 L3 tires		
	Forward	Reverse
Gear 1	4.3 mph (6.9 km/h)	4.5 mph (7.2 km/h)
Gear 2	8.4 mph (13.5 km/h)	8.8 mph (14.2 km/h)
Gear 3	14.9 mph (23.9 km/h)	15.6 mph (25.0 km/h)
Gear 4	24.0 mph (38.6 km/h)	

AXLES/BRAKES

Differentials	Limited slip, front and rear
Final drives	Heavy-duty out board planetary reduction
Rear axle oscillation.....	24 degrees total, 15.2" (386 mm)
	maximum vertical travel at wheel
Brakes	
Service brakes	Outboard, hydraulically actuated, maintenance-free,
	multiple wet disc with accumulator, acting on all
	four wheels. Complies with SAE J1473 and ISO 3450.
Parking brake	Spring applied, hydraulically released,
	acting on transmission output shaft

SERVICE CAPACITIES

Fuel tank	50.0 gal. (189 L)
Engine oil	16 qt. (15.1 L)
Engine oil with filter	17 qt. (16.1 L)
Transmission with filter	5.0 gal. (18.9 L)
Cooling system	6.3 gal. (24 L)
Hydraulic reservoir	15.0 gal. (56.8 L)
Hydraulic system	30.0 gal. (113.6 L)
Axles (total), each	23.2 qt. (22 L)

ELECTRICAL

Electrical system.....	24 volt, negative ground with 70-amp alternator
Batteries (two 12 volt).....	700 CCA; 170 Ah

HYDRAULIC SYSTEMS/STEERING

Pump (steering/implement).....	Variable-displacement, piston pump
Maximum flow	45.2 gpm (171 L/m) @ 2000 rpm and
	3600 psi (24,822 kPa)
Pressure.....	Loader relief: 3625 psi (25,000 kPa);
	Steering relief: 3500 psi (24,132 kPa)
Valves	Closed-center, load sensing; positive low
	pressure regeneration for bucket dump
Loader controls.....	Standard two-function valve; single- or
	dual-lever controls, optional third-function valve;
	with auxiliary lever, pilot operated controls
	with electromagnetic detents for float,
	raise, and bucket rollback; control lockout
Hydraulic cycle times	
Raise-loaded	5.4 sec.
Dump-loaded	1.5 sec.
Lower-empty, power down	5.0 sec.
Lower-empty, float down	4.4 sec.
Steering	
Type	Hydraulic orbital, load sensing, 40° center pivot articulation
Filtration	10-micron, full flow cartridge filter on return line

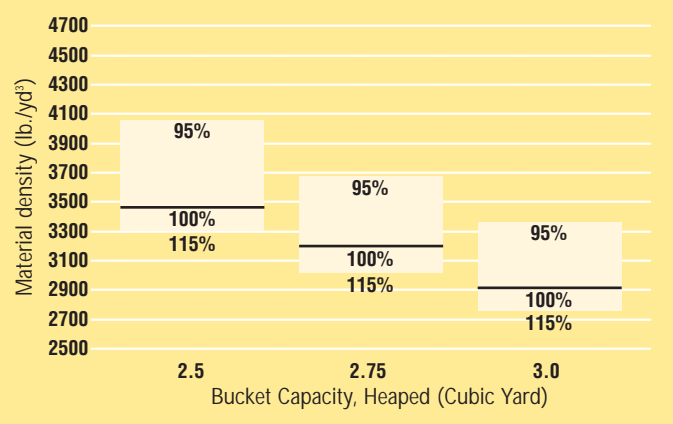
HYDRAULIC CYLINDERS (W130 & W130LR)

Lift Cylinders, bore x stroke x rod	4.5" (114 mm) x
	31.0" (788 mm) x 2.5" (64 mm)
Dump Cylinder, bore x stroke x rod	5.0" (127 mm) x
	24.4" (620 mm) x 3.0" (76 mm)
Steering Cylinders, bore x stroke x rod	2.8" (70 mm) x
	18.2" (463 mm) x 1.5" (38 mm)

HYDRAULIC CYLINDERS (W130TC)

Lift Cylinders, bore x stroke x rod	4.0" (102 mm) x
	30.8" (783 mm) x 2.25" (57 mm)
Dump Cylinder, bore x stroke x rod	4.5" (114.3 mm) x
	32.58" (819.9 mm) x 2.5" (63.5 mm)
Steering Cylinders, bore x stroke x rod	2.5" (64 mm) x
	18.2" (463 mm) x 1.4" (35 mm)

BUCKET SELECTION CHART WITH FILL FACTORS



W130 W130TC W130LR Specifications

BASE EQUIPMENT

ENGINE

New Holland 668TA/M2 6-cylinder turbo diesel
 EPA off-road certified, Tier 2
 Displacement: 411 cu in (6.7 L)
 Horsepower (kilowatts):
 Gross 148hp (110 kW) @ 2000 rpm
 Net 136hp (101 kW) @ 2000 rpm
 Air-to-Air after cooler
 Anti-freeze solution -34°F (-37°C)
 Air cleaner - 2 stage w/radial seal elements
 Hydraulically driven suction fan
 Advanced Cooling System (ACS)

AXLES & TIRES

Limited slip differentials - front and rear
 Maintenance free driveshafts
 Axle dipsticks.
 3-piece wheels

TRANSMISSION

Speeds: 4F-3R
 Computer controlled, full-power, proportional shifting
 Single lever electronic shift control
 Programmable gear selection
 Selectable fully-automatic and manual modes
 Electronic transmission disconnect
 On-board diagnostics with fault code storage and retrieval
 Single, vertically mounted, spin-on oil filter
 Oil cooler

HYDRAULICS

Pilot-operated joystick control
 2-spool valve
 Pressure compensated, load sensing hydraulics
 Wide-angle steering system
 Vertically mounted, spin-on oil filter
 Hydraulic diagnostic quick couplers
 O-ring face seal hydraulic fittings
 Full-flow oil cooler
 Steering system priority

LOADER SYSTEM (W130)

Automatic return-to-dig, automatic height control, and automatic return-to-travel
 Position indicator on bucket
 Single lever / two spool loader control
 Z-bar loader linkage
 Single piece, flame cut, loader arms
 Ground level lubrication points

LOADER SYSTEM (W130TC)

Automatic return-to-dig, automatic height control, and automatic return-to-travel
 Position indicator on bucket
 Single lever / two spool loader control
 Ground level lubrication points

BRAKES

4-Wheel, outboard mounted, wet disc hydraulic brakes
 Parking brake, spring applied hydraulic release
 Separate front and rear brake systems

ELECTRICAL SYSTEM

24-volt system
 Two Heavy Duty 12V 700 cold cranking amp (CCA) batteries
 Halogen lights:
 Two front and two rear worklights
 Two front driving (hi/lo beam)
 Stop/tail lights and backup lights
 Front and rear turn signals and flashers
 Alternator: 70 amp
 Electrical disconnect switch
 Horn
 Backup alarm

OPERATOR STATION

ROPS cab with heater and A/C
 Inside rearview mirror
 Cloth mechanical suspension seat, w/ 51 mm (2 in) seatbelt
 Storage tray, cup holder
 Tilt steering wheel w/integral steering knob
 Fully adjustable wrist rest
 Cigar/cigarette lighter-24 volt
 Wiring & speaker covers for radio installation

INSTRUMENTS

Individual gauges for:
 1. Engine coolant temp.
 2. Fuel level
 3. Hour meter
 4. Speedometer
 5. Trans. Oil temp.
 Indicator Lights for:
 1. Air filter restriction
 2. Battery charge
 3. Brake oil pressure
 4. Emergency Steering (if equipped)
 5. Engine coolant temp.
 6. Engine oil pressure
 7. Fuel level
 8. General alarm
 9. High beam
 10. Parking break
 11. Trans. Oil temp.
 12. Trans. speed
 13. Turn signals

OTHER EQUIPMENT

Articulation and loader lift arm locking bars
 Drawbar hitch
 Front and rear fenders, left side steps
 Remote drain points
 Front and rear lift and tie down points

OPTIONAL EQUIPMENT

OPERATOR STATION

Mechanical suspension seat,
 Cloth covered with 3" retractable belt
 Air suspension seat,
 Cloth covered with 2" retractable belt
 Cloth covered with 3" retractable belt
 AM/FM cassette stereo radio, 12 volt
 Power converter 24V-12V with outlet
 Fire extinguisher
 Rotating beacon light

ENGINE

Cold weather starting aid, grid heater
 Cold weather starting aid, block heater
 Spark arresting muffler
 Reversing fan (purge feature)

HYDRAULICS

Valve, 2 spool 2 lever control
 Valve, 3 spool 3 lever control
 Valve, 3 spool joystick + 1 lever control
 Hydraulic pin-puller circuit for use with coupler
 Load Travel Stabilizer (LTS)
 Secondary steering

AXLES & TIRES

20.5x25, 12 PR L3 bias ply, rock tread, 3-pc rim
 20.5R25, GP2B radial, traction tread, 3-pc rim
 20.5R25, RT3B radial, rock tread, 3-pc rim
 20.5R25, XTLA radial, traction tread, 3-pc rim
 20.5R25, XHA radial, rock tread, 3-pc rim
 Spare tires and wheels

BUCKETS AND ATTACHMENTS (W130 & W130LR)

Pin-on buckets (see charts on pages 20 and 26)
 JRB hydraulic quick coupler with pin-puller circuit
 JRB 2.51 yd³ general purpose bucket
 Other JRB attachments available—see your New Holland construction equipment dealer for details

BUCKETS AND ATTACHMENTS (W130TC)

JRB hydraulic quick coupler with pin-puller circuit
 JRB 2.51 yd³ general purpose bucket
 Other JRB attachments available—see your New Holland construction equipment dealer for details
 ACS attachments are available through your New Holland construction equipment Dealer
 Pallet Forks

OTHER EQUIPMENT

Standard fenders with RH and LH steps
 Rear frame articulation joint side covers
 Axle stops for use with 20.5 tires with chains
 Tool box
 Transmission side covers
 Special paint, other than standard New Holland yellow



WHEEL LOADERS

W110

Horsepower
Net 110 hp (82 kW)

Operating weight
22,915 lbs (10,394 kg) with
2.0 yd³ pin-on general purpose
bucket with bolt-on edge

23,694 lbs (10,747 kg) with
2.0 yd³ coupler excavating
bucket with bolt-on edge

22,696 lbs (10,295 kg) with 48"
utility forks

Bucket capacity
2.0 to 2.5 yd³ (1.5 to 1.9 m³)

W130

Horsepower
Net 136 hp (101 kW)

Operating weight
26,279 lbs (11,920 kg) with
2.56 yd³ pin on general purpose
bucket with bolt-on edge

27,453 lbs (12,452 kg) with
2.51 yd³ coupler excavating
bucket with bolt-on edge

26,765 lbs (12,140 kg) with 48"
utility forks

Bucket capacity
2.56 to 3.0 yd³ (1.96 to 2.29 m³)



New Holland Construction Equipment Dealers are committed to your success

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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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