



**E175B E215B
FULL-SIZE EXCAVATORS**



- IVECO by *FPT*™ Power
- Superior Comfort and Visibility
- Proportional Hydraulic Control
- Leading Breakout Forces



BUILT AROUND YOU

STEP-UP TO A NEW LEVEL OF PERFORMANCE

The innovative New Holland E175B and E215B Tier III excavators raise the bar on productivity and operator comfort. Both the E175B and E215B deliver more horsepower and unsurpassed grading and finishing capabilities with new Intelligent Total Control System (ITCS) technology. Superior cab refinements reposition controls for easier accessibility and include a new backlit monitor for improved daytime visibility, along with quick access to operator controlled settings and diagnostics.

Powerfully Productive

Our new **IVECO** by **FPT**™* engines embrace the same technology that powers the likes of Ferrari and Maserati. Simply put, they're powerful, efficient and quiet. The E175B and E215B deliver:

- Increased engine horsepower for increased productivity.
- More drawbar force for pulling a grade with a full load.
- Higher swing torque to handle full loads and increase cycle times.
- 22' 0" max. dig depth (E215B) for foundation and trench work.

Powered by **IVECO** by **FPT**™*

- E175B = 275 cu. in., turbo-charged, 121 Net (SAE) HP engine.
- E215B = 409 cu. in., turbo-charged, 150 Net (SAE) HP engine.
- More power with "no time limit" from our Power Boost™ system.
- More power with "no time limit" from our Heavy Lift system.

**FPT stands for Fiat Power Train technology and is a registered trademark of the Fiat Company.*

Heavy-Duty By Design

- Longer X-frame design offers enhanced stability and balance.
- HD Boom and Arm are now standard.
- Rollers, sprockets and travel motors are sealed for long life.
- Robust lift cylinders ensure maximum rated capacity.
- Pumps, valves and piping are optimized for maximum efficiency.

Enhanced Operator Control

- Intelligent Total Control System (ITCS) recognizes your moves and assists by providing hydraulic power where it's needed, so you're in control.
- ITCS also provides the hydraulic sensitivity for fine grading and leveling.
- Auto-Accel smoothly increases engine rpms and hydraulic flow in direct proportion to the operator's movement of the control levers. This results in even, deliberate acceleration for applications that require precision.
- Auto-Decel reduces engine rpms after 4 seconds of operator inactivity, extending engine life and reducing noise and fuel cost.



Easy, ground-level servicing of filters, batteries and hydraulics reduces maintenance time to boost your productivity.



Spacious dimensions and an unrivaled view make the New Holland cab a comfortable and productive place to work.

The E175B and E215B provide superior bucket and arm digging forces so you can easily handle the most demanding digging conditions.



EXCELLENT VISIBILITY AND CONTROL

Let's face it, your work demands the best from you. New Holland has gone to extremes to ensure that our customers enjoy operating our excavators. The E175B and E215B deliver complete operational control, maximum comfort, progressive hydraulic acceleration and a clear view of the job site. It's the perfect combination to keep you running all day.

A Cab Designed Around You, the Operator

- Oversized cab provides ample room and numerous comfort features.
- Super-wide egress for cab entry and exit.
- Right-side controls for easy access to critical functions.

Clear Visibility

- Large glass panels provide excellent visibility for a clear view of the work area.
- Operator is positioned for maximum visibility of all functions and operations.
- Moveable front, top and side glass panels provide cross-flow ventilation.

Comfortable Seating & Functions

- 7-position air suspension seat is adjustable for maximum comfort.
- Arm rests adjust vertically to match the comfort preferences of every operator.
- Viscous silicon cab mounts minimize vibration and shock to the cab.
- AM/FM stereo with dual speakers is standard.
- 24 volt to 12 volt converter for charging cell phones and other accessories.

New Easy-to-Read Monitor

- New Monitor with orange backlit multi-display and large sunshade improves visibility of work mode readouts, fuel and temperature gauges, and other excavator controls.
- Self-diagnostics with fault code memory make it easy to monitor and adjust system pressures, engine speed, travel speed, hydraulic pressure and other operating functions.
- Warning screens and audible alarms alert you to temperature and pressure status.
- Establish and review service interval reminders for engine oil, hydraulic oil, fuel and filters.

Personal Climate Control

- High efficiency/high output air conditioning & heating system.
- Program a temperature between 61 and 91 degrees F (18 to 32 C) for optimum comfort.
- Four fan speeds with LCD display.
- Redesigned vents efficiently circulate air around the operator's compartment.
- A/C filters are easy to check and replace with minimal effort.

A personal climate control console includes an LCD display and controls for the high-output air conditioning and heating system and the four-speed fan. Just program a temperature between 61 and 91 degrees F (18 to 32 C) for optimum comfort any time of year.





Operators work with confidence and ease with a clear view of the job site.



The air suspension seat can be adjusted for a personalized level of comfort.

The Power mode system provides four power modes to match your work operations. The monitor features a large sunshade and orange back-lit screen for easy viewing.



POWERED FOR PERFORMANCE

The new E175B and E215B excavators are each powered by an **IVECO** by **FPT**™ Power train that's certified to meet Tier III emissions requirements. Both models use proven FPT diesel engine technology that includes direct injection with an intercooler turbo charger. The result is high horsepower and high torque levels at surprisingly low rpms. And, both engines are designed to be fuel efficient and quiet.

Power Mode Selection

The E175B and E215B provide four work modes:

- H Mode Heavy-duty excavation work gives priority to the workload at high speed (default mode).
- S Mode Standard digging and loading work provides fuel savings.
- B Mode Breaker work (1-way hydraulic flow).
- A Mode Demolition work with crusher/nibbler-breaker (2-way/2 pump flow).

Change modes easily on the readout display.

Auto Warm-up System

The E175B and E215B feature a fully automatic engine and hydraulic warm-up system that warms-up the hydraulic circuit to an optimum 126 degrees (F). Auto Warm-up works whenever ambient temperatures drop below 50 degrees (F), improving system efficiency to make you more productive.

Smooth, Powerful Hydraulics

New Holland performance features are unmatched by the competition.

- Power Boost™ provides 10% more bucket breakout force - on command, "without time limit".
- Heavy Lift provides 10% more lifting and swing capability - on command, "without time limit".
- Independent Travel circuit provides dedicated flow for excavator travel.
- Swing priority dedicates power for trenching operations.
- Boom and arm holding valves minimize drift for accurate positioning.
- Standard high-flow valve can be switched between one-pump flow to two-pump flow from inside the cab for bi-directional auxiliary applications.

Easy Ground Level Servicing

Our new Tier III excavators are designed for easy field servicing. The E175B and E215B provide ground level access to:

- Side-by-side radiator, oil cooler and intercooler.
- Hydraulic pump, tank, hoses and filters.
- Batteries, air filter, back-up alarm and other connections.
- Daily routine maintenance checks.

Tool Box

- Side open tool box w/ground access.
- Storage for tools, manuals, boots, lunch box, etc.
- Anti-slip top surface.



Designed with attachments in mind

New Holland doesn't just design excavators, we design excavators for use with attachments.

- High-capacity auxiliary hydraulic system is adjustable from inside the cab.
- Standard one or two-way auxiliary valve makes it easy to field-install piping and controls for auxiliary hydraulics.
- Two auxiliary hydraulic modes permit switching between one-way and two-way flow without leaving the cab to manually switch a valve (with auxiliary hydraulics installed).
- An optional independent flow 'extra' circuit, with dedicated rotary gear pump, provides flow for multi-function attachments that include thumbs or twist buckets.

The hydraulic feed to the main pumps is positioned to draw fluid from the side of the hydraulic tank - rather than the tank bottom like many competitors. The hydraulic system utilizes a high capacity, small particle filtration system to provide industry leading maintenance intervals.



Flanged brass bucket bushings provide long life and extended maintenance intervals.

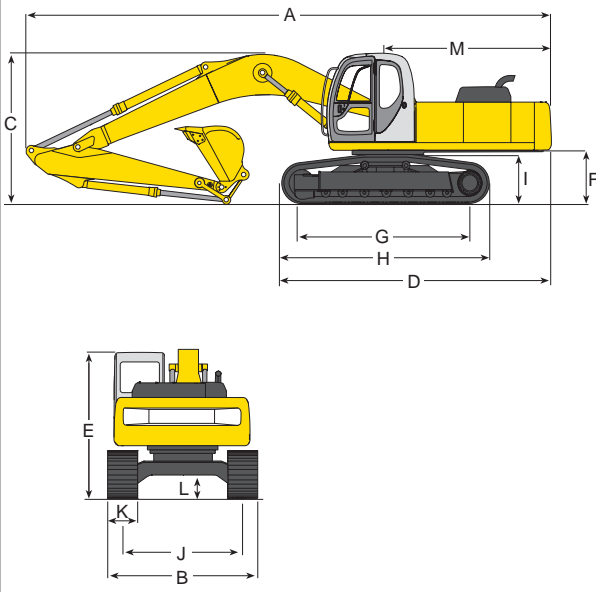


Dependable 409 cu. in. (6.7 L) 6-cylinder turbo-charged engine produces 490 ft.-lbs (666 N•m) of torque for the E215B.



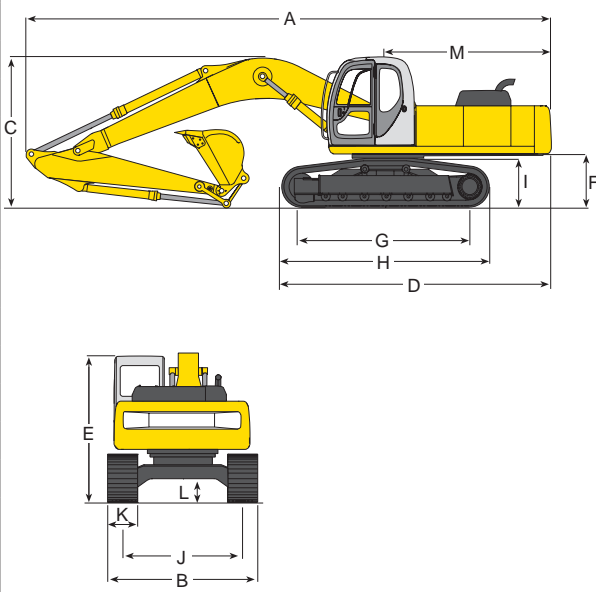
Side-by-side radiator, oil cooler and intercooler can be accessed easily for inspection and cleaning. The side-by-side design allows the components to be removed independently. This means the radiator can be removed for service without draining the hydraulic system.

E175B Dimensions

E175B DIMENSIONS		Standard Arm		Optional Arm	
		ARM LENGTH			
		10' 2"	(3.1 m)	8' 6"	(2.6 m)
		A. Overall length		28' 6"	(8.67 m)
		B. Overall width (with 600 mm shoe)		8' 6"	(2.59 m)
		C. Overall height (to top of boom)		9' 6"	(2.93 m)
		D. Base machine length		14' 11"	(4.54 m)
		E. Overall height (to top of cab)*		9' 10"	(3.00 m)
		F. Ground clearance at rear end*		3' 3"	(.996 m)
		G. Center distance of tumblers		10' 9"	(3.28 m)
		H. Overall length of crawler		13' 5"	(4.08 m)
		I. Crawler height at tumbler center*		37.4"	(950 mm)
		J. Track gauge (expanded)		6' 6"	(1.99 m)
		K. Width of crawler shoe		23.6"	(600 mm)
		L. Ground clearance of undercarriage*		18.8"	(473 mm)
		M. Tail swing radius		8' 3"	(2.52 m)

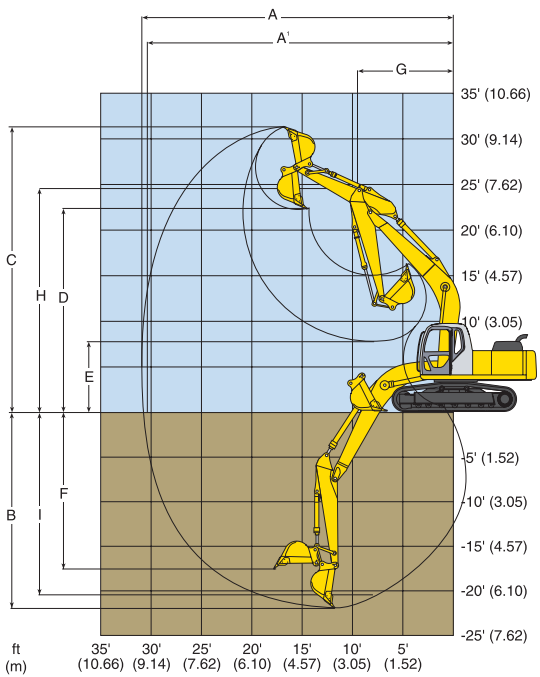
* Excludes height of grouser bar

E215B Dimensions

E215B DIMENSIONS		Standard Arm		Optional Arm	
		ARM LENGTH			
		9' 8"	(2.94 m)	11' 6"	(3.50 m)
		A. Overall length		31' 0"	(9.45 m)
		B. Overall width (with 800 mm shoe)		10' 6"	(3.19 m)
		C. Overall height (to top of boom)		9' 11"	(3.03 m)
		D. Base machine length		16' 4"	(4.98 m)
		E. Overall height (to top of cab)*		9' 7"	(2.93 m)
		F. Ground clearance at rear end*		3' 6"	(1.06 m)
		G. Center distance of tumblers		12' 0"	(3.66 m)
		H. Overall length of crawler		14' 7"	(4.45 m)
		I. Crawler height at tumbler center*		37' 8"	(960 mm)
		J. Track gauge (expanded)		7' 10"	(2.39 m)
		K. Width of crawler shoe		31.5"	(800 mm)
		L. Ground clearance of undercarriage*		17.7"	(450 mm)
		M. Tail swing radius		9' 0"	(2.75 m)

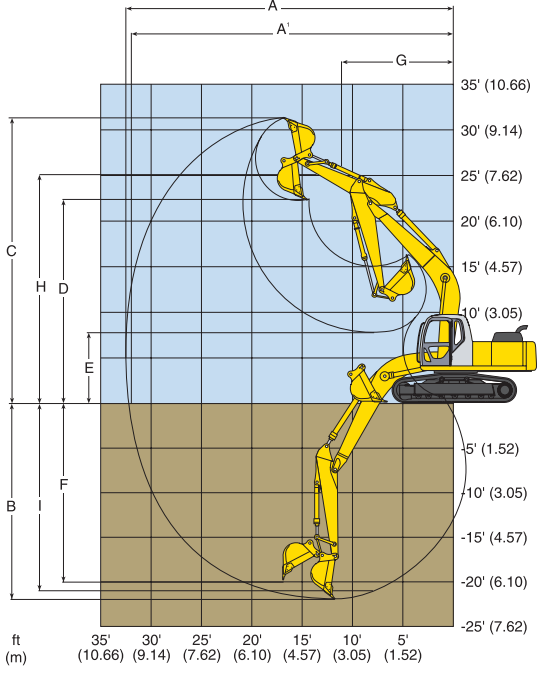
* Excludes height of grouser bar

E175B Working Ranges

E175B WORKING RANGES Unit ft-in (m)					
		Standard Arm		Optional Arm	
		10' 2" (3.1 m)		8' 6" (2.6 m)	
		31' 1" (9.47 m)		29' 6" (8.98 m)	
		30' 6" (9.30 m)		28' 10" (8.80 m)	
		21' 5" (6.52 m)		19' 9" (6.02 m)	
		31' 7" (9.62 m)		30' 5" (9.26 m)	
		22' 11" (6.97 m)		21' 9" (6.63 m)	
		6' 11" (2.11 m)		8' 7" (2.61 m)	
		18' 0" (5.49 m)		16' 3" (4.95 m)	
		9' 5" (2.86 m)		9' 3" (2.83 m)	
ATTACHMENTS					
A. Max digging reach					
A1. Max digging reach at ground level					
B. Max digging depth					
C. Max digging height					
D. Max dumping clearance					
E. Min dumping clearance					
F. Max vertical wall digging depth					
G. Min front swing radius					
H. Height at min swing radius					
I. Digging depth for 8' (2.4m) flat bottom					

Measurements shown are for machines equipped with the 0.82 cu. yd. (0.63 m³) bucket.



E215B Working Ranges

E215B WORKING RANGES Unit ft-in (m)					
		Standard Arm		Optional Arm	
		9' 8" (2.94 m)		11' 6" (3.5 m)	
		32' 6" (9.90 m)		33' 11" (10.34 m)	
		31' 11" (9.73 m)		33' 4" (10.17 m)	
		22' 0" (6.70 m)		23' 10" (7.26 m)	
		31' 11" (9.73 m)		32' 0" (9.75 m)	
		22' 8" (6.91 m)		22' 10" (6.97 m)	
		8' 0" (2.43 m)		6' 2" (1.87 m)	
		20' 0" (6.1 m)		21' 3" (6.47 m)	
		11' 7" (3.54 m)		11' 5" (3.48 m)	
ATTACHMENTS					
A. Max digging reach					
A1. Max digging reach at ground level					
B. Max digging depth					
C. Max digging height					
D. Max dumping clearance					
E. Min dumping clearance					
F. Max vertical wall digging depth					
G. Min front swing radius					
H. Height at min swing radius					
I. Digging depth for 8' (2.4m) flat bottom					

Measurements shown are for machines equipped with the 1.05 cu. yd. (0.80 m³) bucket.

E175B E215B Dimensions

PERFORMANCE	E175B	E215B
Travel speed	3.2/1.9 mph (5.1/3.1 km/h)	3.7/2.2 mph (6.0/3.6 km/h)
Swing speed	11 rpm	12.5 rpm
Gradeability	35° (70%)	35° (70%)
Drawbar pulling force	38,555 lbs (171.5 kN)	51,500 lbf (229 kN)
Swing torque	38,722 lb-ft (52.5 kN • m)	52,700 lb-ft (71.5 kN • m)

ENGINE	E175B	E215B
Make and model IVECO by FPT™	 F4GE9484D*J6	 F4GE9684E-J6
Displacement	275 cu in (4.5 L)	409 cu in (6.7 L)
Bore and stroke	4.09"x5.2" (104 mm x132 mm)	4.09"x5.20" (104 mm x 132 mm)
Horsepower SAE	121 HP @ 2,200 rpm (90 kW @2,200 rpm)	150 HP @ 2,000 rpm (112 kW @2,000 rpm)

HYDRAULIC SYSTEM	E175B	E215B
Hydraulic pump(s) No & type	2 VP + 1 FG	2 VP + 1 FG
Max. rated discharge flow	2x37.8+5.8 gpm (2x143+21 L/min)	2x58.1 gpm (2x220 L/min)
Operating Pressure Implement	4,980 psi (34.3 MPa)	4,970 psi (34.3 MPa)
Pilot	725 psi (5.0 MPa)	725 psi (5.0 MPa)
Travel	4,980 psi (34.3 MPa)	4,970 psi (34.3 MPa)
Swing	4,060 psi (28 MPa)	4,210 psi (29.0 MPa)
Heavy lift /Power boost	5,480 psi (37.8 MPa)	5,480 psi (37.8 MPa)
Control valves	8 spool	8 spool

UNDERCARRIAGE	E175B	E215B
Track overall length	13' 5" (4.08 m)	14' 7" (4.45 m)
Track overall width w/std. shoe	8' 6" (2.59 m)	10' 6" (3.19 m)
Track shoe selection	24"/32" (600/800 mm)	31.5" (800 mm)
Travel speed	3.2/1.9 mph (5.1/3.1 km/h)	3.7/2.2 mph (6.0/3.6 km/h)
Draw bar pull	38,555 lb (171.5 kN)	51,500 lb (299 kg)
Ground bearing pressure	5.70 psi (39.3 kPa)	4.9 psi (0.34 kPa)
Ground clearance	18.8" (474 mm)	17.7" (450 mm)

SWING	E175B	E215B
Swing speed	11 rpm	12.5 rpm
Tail swing radius	8' 3" (2.52 m)	9' 0" (2.73 m)
Swing torque	38,722 lb-ft (52.5 kN • m)	52,700 lb-ft (71.5 kN • m)

SHIPPING DIMENSIONS	E175B	E215B
Height	9' 10" (3.0 m)	9' 11" (3.03 m)
Width w/std. shoe	8' 6" (2.59 m)	10' 6" (3.19 m)
Length	28' 6" (8.68 m)	31' 0" (9.45 m)

REFILLING CAPACITIES	E175B	E215B
Fuel tank	68.7 gal (260 L)	97.7 gal (370 L)
Hydraulic oil reservoir	40.7 gal (154 L)	38.6 gal (146 L)
Hydraulic system including oil reservoir	64.7 gal (245 L)	60.8 gal (230 L)
Cooling system	4.2 gal (16 L)	5.8 gal (26 L)
Lubrication: Engine oil	3.8 gal (14.5 L)	5.3 gal (20 L)

E175B E215B Dimensions

OPERATING WEIGHTS AND KEY INFORMATION				
	Operating Weight	Ground Pressure	Overall Width	Bucket Capacity Range
E175B with 10'2" std. HD arm, and bucket weighing 1,122 lbs (509 kg) SHOE WIDTH 23.6" (600 mm) SHOE WIDTH 31.5" (800 mm)				
	37,800 lb (17,136 kg)	5.70 psi (39.3 kPa)	8' 6" (2,590 mm)	.45-1.36 cu yd (.34-1.04 m³)
	39,200 lb (17,800 kg)	4.44 psi (30.6 kPa)	9' 2" (2,790 mm)	.45-1.36 cu yd (.34-1.04 m³)
E215B with 9'8" std. HD arm, 31.5" 3-bar tracks and bucket weighing 1,430 lbs (650 kg) SHOE WIDTH 35.4" (900 mm) SHOE WIDTH 31.5" (800 mm) SHOE WIDTH 27.6" (700 mm)				
	48,300 lb (21,900 kg)	4.4 psi (0.309 kg/cm2)	10' 10" (3,290 mm)	.63-1.8 cu yd (.48-1.4 m³)
	47,800 lb (21,700 kg)	4.9 psi (0.34 kg/cm2)	10' 6" (3,190 mm)	.63-1.8 cu yd (.48-1.4 m³)
	47,200 lb (21,400 kg)	5.52 psi (0.39 kg/cm2)	10' 2" (3,090 mm)	.63-1.8 cu yd (.48-1.4 m³)

WORKING FORCES				
	Bucket Digging Force		Arm Digging Force	
	SAE	ISO	SAE	ISO
E175B with 10' 2" (3.1 m) Arm Selection with 8' 6" (2.6 m) Arm Selection	*24,900 lbf (*11,300 kgf)	*28,000 lbf (*12,700 kgf)	*17,200 lbf (*7,800 kgf)	*17,700 lbf (*8,020 kgf)
	*24,900 lbf (*11,300 kgf)	*28,000 lbf (*12,700 kgf)	*19,700 lbf (*8,935 kgf)	*20,275 lbf (*9,195 kgf)
E215B with 9'8" (2.94 m) Arm Selection with 11'6" (3.5 m) Arm Selection	*31,700 lbf (*141 kN)	*34,613 lbf (*154 kN)	*24,500 lbf (*109 kN)	*24,692 lbf (*110 kN)
	*31,700 lbf (*141 kN)	*34,613 lbf (*154 kN)	*22,100 lbf (*98 kN)	*22,267 lbf (*99 kN)

* Power Boost engaged



E175B E215B Bucket Selection

E175B BUCKET SELECTION								
Application	Capacity (SAE)		Width		Bucket Weight		Arm ft-in (m)	
	yd ³	(m ³)	in	(m)	lb	(kg)	10' 2" (3.1)	8' 6" (2.6)
GENERAL	0.45	(0.344)	20	(0.508)	1,045	(474)	H	H
	0.58	(.443)	24	(.609)	1,120	(508)	H	H
	0.77	(0.589)	30	(0.762)	1,280	(581)	M	H
	0.97	(0.742)	36	(0.914)	1,395	(633)	L	M
	1.16	(0.887)	42	(1.067)	1,550	(703)	X	L
	1.36	(1.040)	48	(1.219)	1,710	(776)	X	L
HEAVY DUTY	0.45	(0.344)	20	(0.508)	1,120	(508)	H	H
	0.58	(0.443)	24	(0.609)	1,200	(544)	H	H
	0.77	(0.589)	30	(0.762)	1,365	(619)	M	H
	0.97	(0.742)	36	(0.914)	1,485	(678)	L	M
	1.16	(0.887)	42	(1.067)	1,660	(753)	X	L
SEVERE DUTY	0.56	(0.428)	26	(0.660)	1,405	(637)	H	H
	0.69	(0.528)	31	(0.787)	1,540	(698)	M	H
	0.85	(0.650)	37	(0.940)	1,740	(789)	L	M

E215B BUCKET SELECTION								
Application	Capacity (SAE)		Width		Bucket Weight		Arm ft-in (m)	
	yd ³	(m ³)	in	(m)	lb	(kg)	10'6" (3.2)	11'6" (3.5)
GENERAL	0.91	(0.695)	30	(0.762)	1,325	(601)	H	H
	1.14	(0.871)	36	(0.914)	1,450	(658)	H	M
	1.37	(1.047)	42	(1.066)	1,651	(749)	M	L
	1.6	(1.223)	48	(1.219)	1,780	(807)	L	X
	1.8	(1.38)	54	(1.371)	2,019	(916)	L	X
HEAVY DUTY	0.68	(0.519)	24	(0.609)	1,250	(567)	H	H
	0.91	(0.695)	30	(0.762)	1,420	(644)	H	M
	1.14	(0.871)	36	(0.914)	1,560	(708)	M	L
	1.37	(1.04)	42	(1.066)	1,730	(785)	L	X
	1.6	(1.233)	48	(1.219)	1,905	(864)	X	X
SEVERE DUTY	0.63	(0.481)	26	(0.66)	1,455	(660)	H	H
	0.75	(0.573)	31	(0.787)	1,590	(721)	H	H
	0.88	(0.672)	37	(0.939)	1,790	(812)	M	M
	1.13	(0.871)	43	(1.092)	2,000	(907)	L	X

H - Used with material weight up to 3,000 lbs/cu yd (1,780 kg/m³)

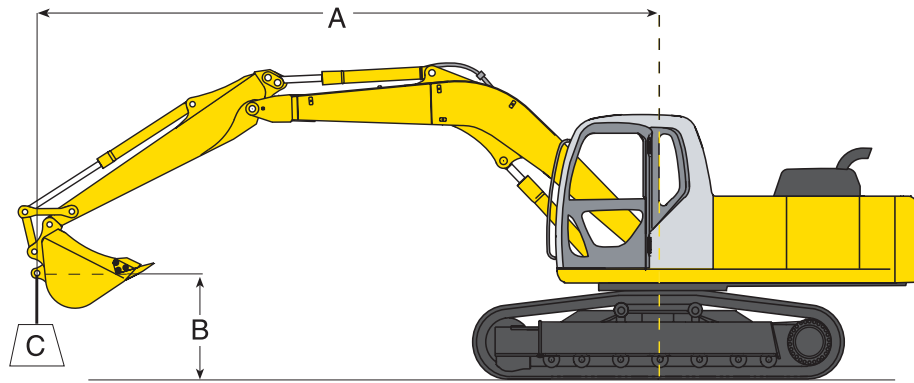
M - Used with material weight up to 2,500 lbs/cu yd (1,483 kg/m³)

L - Used with material weight up to 2,000 lbs/cu yd (1,186 kg/m³)

X - Not recommended

E175B Lifting Capacity

E175B LIFTING CAPACITIES



Based on machine equipped as follows: Boom: 17' 1" (5.2m), Arm: 10' 2" (3.10m), Bucket: SAE heaped 0.82 cu. yd. (0.63m³); Shoes: 23.6" (600 mm) triple grouser

A	B	C	LIFT POINT RADIUS										AT MAX. REACH		
			5' (1.5 m)		10' (3.0 m)		15' (4.6 m)		20' (6.1 m)		25' (7.6 m)		RADIUS		
25'	lb								*3,942	*3,942			3,508	3,508	20' 4"
(7.6 m)	kg								*1,788	*1,788			1,591	1,591	(6.19 m)
20'	lb								*6,845	6,821			3,201	*3,201	24' 1"
(6.1 m)	kg								*3,105	3,094			1,452	*1,452	(7.34 m)
15'	lb								*8,331	6,605	*5,428	4,383	3,131	*3,131	26' 5"
(4.6 m)	kg								*3,779	2,996	*2,462	1,988	1,420	*1,420	(8.05 m)
10'	lb						*11,532	9,808	*9,619	6,184	6,748	4,198	3,234	*3,234	27' 9"
(3.0 m)	kg						*5,231	4,449	*4,363	2,805	3,061	1,904	1,467	*1,467	(8.45 m)
5'	lb				*23,660	16,896	*14,414	8,838	9,273	5,725	6,508	3,975	3,494	3,223	28' 0"
(1.5 m)	kg				*10,732	7,664	*6,538	4,009	4,206	2,597	2,952	1,803	1,585	1,462	(8.54 m)
GROUND	lb		*7,714	*7,714	*20,044	15,417	13,757	8,111	8,852	5,344	6,301	3,781	3,975	3,241	27' 5"
LEVEL	kg		*3,499	*3,499	*9,092	6,993	6,240	3,679	4,015	2,424	2,858	1,715	1,803	1,470	(8.36 m)
-5'	lb		*12,798	*12,798	*22,926	15,040	13,345	7,754	8,607	5,121	6,197	3,684	4,833	3,501	25' 10"
(-1.5 m)	kg		*5,805	*5,805	*10,399	6,822	6,053	3,517	3,904	2,323	2,811	1,671	2,192	1,588	(7.89 m)
-10'	lb		*18,552	*18,552	*24,017	15,183	13,300	7,714	8,583	5,099			6,557	4,162	23' 2"
(-3.0 m)	kg		*8,415	*8,415	*10,894	6,887	6,033	3,499	3,893	2,313			2,974	1,888	(7.07 m)
-15'	lb		*26,365	*26,365	*18,254	15,787	*12,328	8,018					*9,242	6,030	18' 6"
(-4.6 m)	kg		*11,959	*11,959	*8,280	7,161	*5,592	3,637					*4,192	2,735	(5.63 m)

Based on machine equipped as follows: Boom: 17' 1" (5.2m), Arm: 10' 2" (3.10m), Bucket: SAE heaped 0.82 cu. yd. (0.63m³); Shoes: 31.5" (800mm) triple grouser

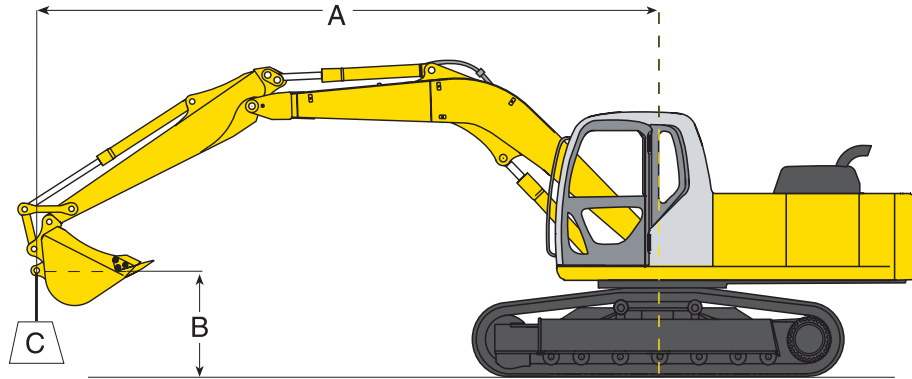
25'	lb								*3,942	*3,942			3,508	3,508	20' 4"
(7.6 m)	kg								*1,788	*1,788			1,591	1,591	(6.19 m)
20'	lb								*6,845	*6,845			3,201	*3,201	24' 1"
(6.1 m)	kg								*3,105	*3,105			1,452	*1,452	(7.34 m)
15'	lb								*8,331	6,729	*5,428	4,478	3,131	*3,131	26' 5"
(4.6 m)	kg								*3,779	3,052	*2,462	2,031	1,420	*1,420	(8.05 m)
10'	lb						*11,532	9,983	*9,619	6,305	6,894	4,292	3,234	*3,234	27' 9"
(3.0 m)	kg						*5,231	4,528	*4,363	2,860	3,127	1,947	1,467	*1,467	(8.45 m)
5'	lb				*23,660	17,218	*14,414	9,015	9,464	5,849	6,654	4,068	3,494	3,305	28' 0"
(1.5 m)	kg				*10,732	7,810	*6,538	4,089	4,293	2,653	3,018	1,845	1,585	1,499	(8.54 m)
GROUND	lb		*7,714	*7,714	*20,044	15,739	14,043	8,285	9,043	5,465	6,446	3,876	3,975	3,325	27' 5"
LEVEL	kg		*3,499	*3,499	*9,092	7,139	6,370	3,758	4,102	2,479	2,924	1,758	1,803	1,508	(8.36 m)
-5'	lb		*12,798	*12,798	*22,926	15,360	13,631	7,928	8,799	5,245	6,343	3,779	4,833	3,591	25' 10"
(-1.5 m)	kg		*5,805	*5,805	*10,399	6,967	6,183	3,596	3,991	2,379	2,877	1,714	2,192	1,629	(7.89 m)
-10'	lb		*18,552	*18,552	*24,017	15,505	13,587	7,890	8,774	5,223			6,557	4,266	23' 2"
(-3.0 m)	kg		*8,415	*8,415	*10,894	7,033	6,163	3,579	3,980	2,369			2,974	1,935	(7.07 m)
-15'	lb		*26,365	*26,365	*18,254	16,109	*12,328	8,192					*9,242	6,166	18' 6"
(-4.6 m)	kg		*11,959	*11,959	*8,280	7,307	*5,592	3,716					*4,192	2,797	(5.63 m)

Notes:

- Do not attempt to lift or hold any load that exceeds these rated values at their specified load radii and heights. Weight of all accessories must be deducted from the above lifting capacities.
- Lifting capacities assume a machine standing on a level, firm, and uniform supporting surface. Operator must make allowance for job conditions such as soft or uneven ground, out of level conditions, side loads, sudden stopping of loads, hazardous conditions, inexperienced personnel, weight of various other buckets, lifting slings, attachments, etc.
- Ratings at bucket lift hook.
- The above rated loads are in compliance with SAE Hydraulic Excavator Lift Capacity Standard J 1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Rated loads marked with an asterisk (*) are limited by hydraulic capacity rather than tipping load.
- Operator should be fully acquainted with the Operator's and Maintenance Manuals before operating this machine. Rules for safe operation of equipment should be followed at all times.
- Capacities apply only to the machine as originally manufactured and normally equipped by CNH America LLC.

E175B Lifting Capacity

E175B LIFTING CAPACITIES



Based on machine equipped as follows: Boom: 17' 1" (5.2m), Arm: 8' 6" (2.60m), Bucket: SAE heaped 0.82 cu. yd. (0.63m³); Shoes: 23.6" (600mm) triple grouser

A	B	C	LIFT POINT RADIUS										AT MAX. REACH		
			5' (1.5 m)		10' (3.0 m)		15' (4.6 m)		20' (6.1 m)		25' (7.6 m)				
															RADIUS
25'	lb												4,722	*4,722	17' 7"
(7.6 m)	kg												2,142	*2,142	(5.37 m)
20'	lb								*6,956	6,629			4,319	*4,319	21' 11"
(6.1 m)	kg								*3,155	3,007			1,959	*1,959	(6.67 m)
15'	lb								*9,140	6,446			4,275	*4,275	24' 5"
(4.6 m)	kg								*4,146	2,924			1,939	*1,939	(7.44 m)
10'	lb				*19,046	18,847	*12,723	9,528	9,632	6,061	*6,671	4,131	4,486	3,869	25' 10"
(3.0 m)	kg				*8,639	8,549	*5,771	4,322	4,369	2,749	*3,026	1,874	2,035	1,755	(7.88 m)
5'	lb				*22,342	16,292	14,368	8,653	9,182	5,653	6,475	3,948	4,945	3,644	26' 2"
(1.5 m)	kg				*10,134	7,390	6,517	3,925	4,165	2,564	2,937	1,791	2,243	1,653	(7.97 m)
GROUND LEVEL	lb				*19,575	15,351	13,684	8,060	8,832	5,335	6,318	3,803	5,776	3,682	25' 6"
	kg				*8,879	6,963	6,207	3,656	4,006	2,420	2,866	1,725	2,620	1,670	(7.77 m)
-5'	lb	*14,916	*14,916		*25,082	15,245	13,411	7,822	8,662	5,181			6,715	4,034	23' 10"
(-1.5 m)	kg	*6,766	*6,766		*11,377	6,915	6,083	3,548	3,929	2,350			3,046	1,830	(7.26 m)
-10'	lb	*21,894	*21,894		*22,439	15,529	13,477	7,882	8,728	5,243			8,236	4,965	20' 10"
(-3.0 m)	kg	*9,931	*9,931		*10,178	7,044	6,133	3,575	3,959	2,378			3,736	2,252	(6.36 m)
-15'	lb				*15,397	*15,397	*10,278	8,325					*9,938	8,064	15' 5"
(-4.6 m)	kg				*6,984	*6,984	*4,662	3,776					*4,508	3,658	(4.71 m)

Based on machine equipped as follows: Boom: 17' 1" (5.2m), Arm: 8' 6" (2.60m), Bucket: SAE heaped 0.82 cu. yd. (0.63m³); Shoes: 31.5" (800mm) triple grouser

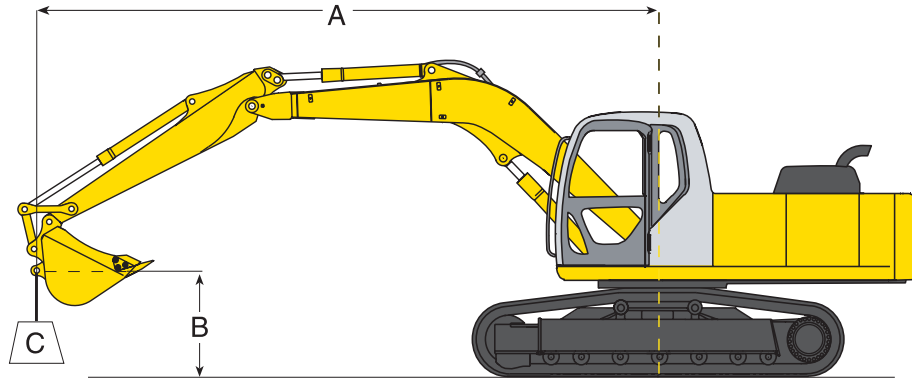
25'	lb												4,722	*4,722	17' 7"
(7.6 m)	kg												2,142	*2,142	(5.37 m)
20'	lb								*6,956	6,751			4,319	*4,319	21' 11"
(6.1 m)	kg								*3,155	3,062			1,959	*1,959	(6.67 m)
15'	lb								*9,140	6,570			4,275	*4,275	24' 5"
(4.6 m)	kg								*4,146	2,980			1,939	*1,939	(7.44 m)
10'	lb				*19,046	*19,046	*12,723	9,705	9,824	6,182	*6,671	4,226	4,486	3,959	25' 10"
(3.0 m)	kg				*8,639	*8,639	*5,771	4,402	4,456	2,804	*3,026	1,917	2,035	1,796	(7.88 m)
5'	lb				*22,342	16,614	14,654	8,827	9,374	5,776	6,618	4,043	4,945	3,735	26' 2"
(1.5 m)	kg				*10,134	7,536	6,647	4,004	4,252	2,620	3,002	1,834	2,243	1,694	(7.97 m)
GROUND LEVEL	lb				*19,575	15,670	13,971	8,236	9,024	5,456	6,462	3,898	5,776	3,772	25' 6"
	kg				*8,879	7,108	6,337	3,736	4,093	2,475	2,931	1,768	2,620	1,711	(7.77 m)
-5'	lb	*14,916	*14,916		*25,082	15,567	13,697	7,998	8,856	5,304			6,867	4,134	23' 10"
(-1.5 m)	kg	*6,766	*6,766		*11,377	7,061	6,213	3,628	4,017	2,406			3,115	1,875	(7.26 m)
-10'	lb	*21,894	*21,894		*22,439	15,851	13,763	8,056	8,922	5,364			8,417	5,082	20' 10"
(-3.0 m)	kg	*9,931	*9,931		*10,178	7,190	6,243	3,654	4,047	2,433			3,818	2,305	(6.36 m)
-15'	lb				*15,397	*15,397	*10,278	8,501					*9,938	8,232	15' 5"
(-4.6 m)	kg				*6,984	*6,984	*4,662	3,856					*4,508	3,734	(4.71 m)

Notes:













- Do not attempt to lift or hold any load that exceeds these rated values at their specified load radii and heights. Weight of all accessories must be deducted from the above lifting capacities.
- Lifting capacities assume a machine standing on a level, firm, and uniform supporting surface. Operator must make allowance for job conditions such as soft or uneven ground, out of level conditions, side loads, sudden stopping of loads, hazardous conditions, inexperienced personnel, weight of various other buckets, lifting slings, attachments, etc.
- Ratings at bucket lift hook.
- The above rated loads are in compliance with SAE Hydraulic Excavator Lift Capacity Standard J 1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Rated loads marked with an asterisk (*) are limited by hydraulic capacity rather than tipping load.
- Operator should be fully acquainted with the Operator's and Maintenance Manuals before operating this machine. Rules for safe operation of equipment should be followed at all times.
- Capacities apply only to the machine as originally manufactured and normally equipped by CNH America LLC.

E215B Lifting Capacity

E215B LIFTING CAPACITIES



Based on machine equipped as follows: Boom: 18' 6" (5.65m), Arm: 9' 8" (2.94m), Bucket: SAE heaped 1.05 cu. yd. (0.080m³); Shoes: 31.5" (800mm) triple grouser

A	LIFT POINT RADIUS										AT MAX. REACH			
	5' (1.5 m)		10' (3.0 m)		15' (4.6 m)		20' (6.1 m)		25' (7.6 m)					
	B	C												
25' (7.6 m)	lb kg							*7,990 *3,620	*7,990 *3,620			*7,110 *3,220	*7,110 *3,220	20' 5" (6.23 m)
20' (6.1 m)	lb kg							*11,270 *5,110	11,050 5,010			*6,690 *3,030	*6,690 *3,030	24' 2" (7.37 m)
15' (4.6 m)	lb kg							*12,420 *5,630	10,620 4,810	*10,210 *4,630	7,150 3,240	*6,690 *3,030	6,410 2,900	26' 5" (8.06 m)
10' (3.0 m)	lb kg			*28,490 *12,920	*28,490 *12,920	*18,240 *8,270	15,830 7,180	*14,300 *6,480	9,990 4,530	11,140 5,050	6,870 3,110	*7,020 *3,180	5,710 2,590	27' 8" (8.43 m)
5' (1.5 m)	lb kg			*17,460 *7,910	*17,460 *7,910	*22,200 *10,070	14,480 6,570	15,470 7,010	9,350 4,240	10,790 4,890	6,550 2,970	*7,700 *3,490	5,430 2,460	27' 11" (8.51 m)
GROUND LEVEL	lb kg			*19,420 *8,800	*19,420 *8,800	24,060 10,910	13,670 6,200	14,940 6,770	8,880 4,020	10,520 4,770	6,300 2,860	*8,920 *4,040	5,500 2,490	27' 3" (8.30 m)
-5' (-1.5 m)	lb kg	*17,010 *7,710	*17,010 *7,710	*27,300 *12,380	26,470 12,000	23,720 10,750	13,390 6,070	14,680 6,660	8,660 3,920	10,420 4,720	6,210 2,810	10,060 4,560	6,000 2,720	25' 7" (7.80 m)
-10' (-3.0 m)	lb kg	*25,890 *11,740	*25,890 *11,740	*32,510 *14,740	26,890 12,190	*22,610 *10,250	13,490 6,110	14,740 6,680	8,710 3,950			12,140 5,500	7,250 3,280	22' 8" (6.92 m)
-15' (-4.6 m)	lb kg			*24,850 *11,270	*24,850 *11,270	*17,670 *8,010	13,980 6,340					*13,950 *6,320	10,580 4,790	18' 0" (5.50 m)

Based on machine equipped as follows: Boom: 18' 6" (5.65m), Arm: 9' 8" (2.94m), Bucket: SAE heaped 1.05 cu. yd. (0.080m³); Shoes: 35.4" (900mm) triple grouser

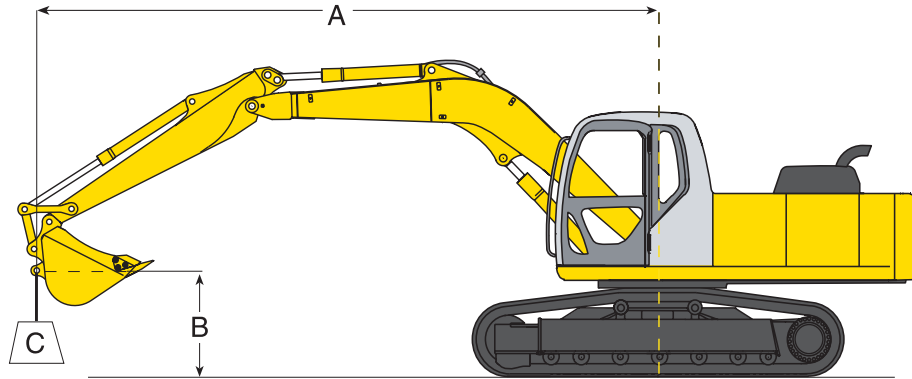
25'	lb								*7,990	*7,990			*7,110	*7,110	20' 5"
(7.6 m)	kg								*3,620	*3,620			*3,220	*3,220	(6.23 m)
20'	lb								*11,270	11,160			*6,690	*6,690	24' 2"
(6.1 m)	kg								*5,110	5,060			*3,030	*3,030	(7.37 m)
15'	lb								*12,420	10,730	*10,210	7,240	*6,690	6,490	26' 5"
(4.6 m)	kg								*5,630	4,860	*4,630	3,280	*3,030	2,940	(8.06 m)
10'	lb				*28,490	*28,490	*18,240	15,990	*14,300	10,100	11,270	6,950	*7,020	5,790	27' 8"
(3.0 m)	kg				*12,920	*12,920	*8,270	7,250	*6,480	4,580	5,110	3,150	*3,180	2,620	(8.43 m)
5'	lb				*17,460	*17,460	*22,200	14,650	15,650	9,460	10,920	6,630	*7,700	5,500	27' 11"
(1.5 m)	kg				*7,910	*7,910	*10,070	6,640	7,090	4,290	4,950	3,010	*3,490	2,490	(8.51 m)
GROUND LEVEL	lb				*19,420	*19,420	24,340	13,840	15,120	8,990	10,650	6,390	*8,920	5,570	27' 3"
	kg				*8,800	*8,800	11,040	6,270	6,850	4,070	4,830	2,890	*4,040	2,520	(8.30 m)
-5'	lb	*17,010	*17,010		*27,300	26,770	24,000	13,550	14,860	8,770	10,550	6,290	10,190	6,080	25' 7"
(-1.5 m)	kg	*7,710	*7,710		*12,380	12,140	10,880	6,140	6,740	3,970	4,780	2,850	4,620	2,750	(7.80 m)
-10'	lb	*25,890	*25,890		*32,510	27,190	*22,610	13,650	14,920	8,820			12,290	7,340	22' 8"
(-3.0 m)	kg	*11,740	*11,740		*14,740	12,330	*10,250	6,190	6,770	4,000			5,570	3,320	(6.92 m)
-15'	lb				*24,850	*24,850	*17,670	14,140					*13,950	10,710	18' 0"
(-4.6 m)	kg				*11,270	*11,270	*8,010	6,410					*6,320	4,850	(5.50 m)

Notes:

- Do not attempt to lift or hold any load that exceeds these rated values at their specified load radii and heights. Weight of all accessories must be deducted from the above lifting capacities.
- Lifting capacities assume a machine standing on a level, firm, and uniform supporting surface. Operator must make allowance for job conditions such as soft or uneven ground, out of level conditions, side loads, sudden stopping of loads, hazardous conditions, inexperienced personnel, weight of various other buckets, lifting slings, attachments, etc.
- Ratings at bucket lift hook.
- The above rated loads are in compliance with SAE Hydraulic Excavator Lift Capacity Standard J 1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Rated loads marked with an asterisk (*) are limited by hydraulic capacity rather than tipping load.
- Operator should be fully acquainted with the Operator's and Maintenance Manuals before operating this machine. Rules for safe operation of equipment should be followed at all times.
- Capacities apply only to the machine as originally manufactured and normally equipped by CNH America LLC.

E215B Lifting Capacity

E215B LIFTING CAPACITIES



Based on machine equipped as follows: Boom: 18' 6" (5.65m), Arm: 11' 6" (3.5m), Bucket: SAE heaped .92 cu. yd. (0.070m³); Shoes: 31.5" (800mm) triple grouser

A	B	C	LIFT POINT RADIUS										AT MAX. REACH	
			5' (1.5 m)		10' (3.0 m)		15' (4.6 m)		20' (6.1 m)		25' (7.6 m)			
25'	lb												*6,190	*6,190
(7.6 m)	kg												*2,800	*2,800
20'	lb										*7,170	*7,170	*5,880	*5,880
(6.1 m)	kg										*3,250	*3,250	*2,660	*2,660
15'	lb								*11,150	10,760	*10,210	7,210	*5,910	5,800
(4.6 m)	kg								*5,050	4,880	*4,630	3,270	*2,680	2,630
10'	lb						*16,300	16,190	*13,130	10,090	11,160	6,870	*6,210	5,180
(3.0 m)	kg						*7,390	7,340	*5,950	4,570	5,060	3,110	*2,810	2,340
5'	lb				*27,200	*27,200	*20,660	14,690	*15,300	9,380	10,760	6,510	*6,820	4,910
(1.5 m)	kg				*12,330	*12,330	*9,370	6,660	*6,940	4,250	4,880	2,950	*3,090	2,220
GROUND	lb	*9,040	*9,040	*21,740	*21,740	*23,590	13,670	14,890	8,820	10,420	6,200	*7,870	4,940	28' 7"
LEVEL	kg	*4,100	*4,100	*9,850	*9,850	*10,690	6,200	6,750	4,000	4,720	2,810	*3,560	2,240	(8.73 m)
-5'	lb	*15,800	*15,800	*26,620	26,060	23,540	13,210	14,530	8,500	10,230	6,030	9,050	5,320	27' 1"
(-1.5 m)	kg	*7,160	*7,160	*12,070	11,820	10,670	5,990	6,590	3,850	4,640	2,730	4,100	2,410	(8.25 m)
-10'	lb	*23,100	*23,100	*34,600	26,300	*23,360	13,170	14,470	8,440			10,650	6,280	24' 4"
(-3.0 m)	kg	*10,470	*10,470	*15,690	11,930	*10,590	5,970	6,560	3,830			4,830	2,840	(7.43 m)
-15'	lb	*32,050	*32,050	*28,340	*27,030	*19,720	13,510	*13,880	8,720			*13,730	8,640	20' 1"
(-4.6 m)	kg	*14,530	*14,530	*12,850	*12,260	*8,940	6,120	*6,290	3,950			*6,220	3,910	(6.13 m)
-20'	lb											*13,280	*13,280	12' 9"
(-6.1 m)	kg											*6,020	*6,020	(3.88 m)

Based on machine equipped as follows: Boom: 18' 6" (5.65m), Arm: 11' 6" (3.5m), Bucket: SAE heaped .92 cu. yd. (0.070m³); Shoes: 35.4" (900mm) triple grouser

25'	lb												*6,190	*6,190	22' 3"
(7.6 m)	kg												*2,800	*2,800	(6.79 m)
20'	lb									*7,170	*7,170		*5,880	*5,880	25' 9"
(6.1 m)	kg									*3,250	*3,250		*2,660	*2,660	(7.85 m)
15'	lb							*11,150	10,880	*10,210	7,290		*5,910	5,870	27' 11"
(4.6 m)	kg							*5,050	4,930	*4,630	3,300		*2,680	2,660	(8.51 m)
10'	lb					*16,300	*16,300	*13,130	10,200	11,300	6,960		*6,210	5,250	29" 0"
(3.0 m)	kg					*7,390	*7,390	*5,950	4,620	5,120	3,150		*2,810	2,380	(8.85 m)
5'	lb			*27,200	*27,200	*20,660	14,860	*15,300	9,490	10,890	6,590		*6,820	4,980	29' 3"
(1.5 m)	kg			*12,330	*12,330	*9,370	6,740	*6,940	4,300	4,940	2,990		*3,090	2,250	(8.93 m)
GROUND	lb	*9,040	*9,040	*21,740	*21,740	*23,590	13,830	15,070	8,930	10,560	6,280		*7,870	5,010	28' 7"
LEVEL	kg	*4,100	*4,100	*9,850	*9,850	*10,690	6,270	6,830	4,050	4,780	2,850		*3,560	2,270	(8.73 m)
-5'	lb	*15,800	*15,800	*26,620	26,360	23,820	13,370	14,710	8,610	10,370	6,110		9,170	5,400	27' 1"
(-1.5 m)	kg	*7,160	*7,160	*12,070	11,950	10,800	6,060	6,670	3,900	4,700	2,770		4,150	2,440	(8.25 m)
-10'	lb	*23,100	*23,100	*34,600	26,600	*23,360	13,330	14,650	8,550				10,790	6,370	24' 4"
(-3.0 m)	kg	*10,470	*10,470	*15,690	12,060	*10,590	6,040	6,640	3,880				4,890	2,880	(7.43 m)
-15'	lb	*32,050	*32,050	*28,340	*27,330	*19,720	13,670	*13,880	8,840				*13,730	8,750	20' 1"
(-4.6 m)	kg	*14,530	*14,530	*12,850	*12,390	*8,940	6,200	*6,290	4,000				*6,220	3,960	(6.13 m)
-20'	lb												*13,280	*13,280	12' 9"
(-6.1 m)	kg												*6,020	*6,020	(3.88 m)

E175B E215B Base & Optional Equipment

STANDARD EQUIPMENT	OPTIONAL EQUIPMENT
<ul style="list-style-type: none"> • AM/FM radio • Air Suspension seat: 7-way adjustable with safety belt • Arm: with vertical ribbed rock guard, tapped blocks, ready for auxiliary attachments E175B – 10' 2" (3.1 m) E215B – 9' 8" (2.94 m) • Audible warning system for high coolant temperature, low engine oil pressure, clogged air filter and oil replacement interval • Auxiliary valve with flow control • Boom: E175B – 17' 1" (5.2 m) E215B – 18' 6" (5.65m) • Boom and arm holding (anti-drift) valves • Cab is die formed, modular steel full-vision, sound insulated, with viscous silicon-filled mounts, windshield wiper, heater and defroster, cigarette lighter, ashtray, floor mat, cab light, control lever lock, tinted skylight with damper cylinder • Climate control air conditioning/heating system • Counterweight: E175B – 6,613 lbs. (3,000 kg) E215B – 10,230 lbs. (4,639 kg) • Display monitor mounted on multi-function console provides status of following: aging of engine oil, fuel and hydraulic filters, system status, engine preheat, low engine oil pressure, engine coolant temperature, air cleaner restriction, battery charging, fuel level, CPU error and tachometer. Beneath monitor are switches for autodecel, windshield washer and wiper, mode selector, one/two pump auxiliary hydraulics and swing flashers • Dual element air cleaner • Electric horn • Engine shuts down automatically for low oil pressure • Heavy duty batteries (2 x12 volt 136 AH) • Heavy Lift and Power Boost "without time limit" • Hydraulic track tension adjusters • Independent travel • Lifetime lubricated track rollers, idlers and sprockets • Engine model IVECO by FPT™ E175B – F4GE9484D*JG E215B – F4GE9684E-J6 • Mode selection: <ul style="list-style-type: none"> – H Mode: Heavy-duty excavation work – S Mode: Standard digging and loading work – B Mode: Breaker work – A Mode: Demolition work with crusher/nibbler-breaker • Power outlet, 24 volt to 12 volt converter • Proportional auto accel system • Removable clean out screens for side-by-side radiator, oil cooler and turbo charger intercooler • Removable travel levers with toe tabs • Right side control panel includes key switch (diesel engine), throttle and other operating switches • Self-lubricating bushings in boom foot and boom hoist cylinders • Lubricated steel bushing with flanged insert at arm end • Service diagnostics: Computer system displays 68 service items 60 event fault code memory, accessible from cab • Starting motor: E175B – (24 V/4.0 kW) 70 amp alternator E215B – (24 V/5.0 kW) 35 amp alternator • Straight travel system • Swing and travel automatic parking brakes • Swing flashers recessed into counterweight. Off/on switch located on multi-function console in cab • Swing priority (trenching system) functions automatically • Swing shockless valve • Tool box with side access door • Track shoes: E175B – 23.6" (600 mm) semi-triple grouser shoes E215B – 31.5" (800 mm) semi-triple grouser shoes • Travel: two speed with automatic shift • Two lever control for boom, arm, bucket and swing; pilot operated wrist controls and foot pedals • Warm up function of engine and hydraulic system functions automatically • Work lights: three front and two rear 	<ul style="list-style-type: none"> • Arm: E175B – 8'6" (2.6 m) with vertical ribbed rock guard E215B – 11'6" (3.5 m) with vertical ribbed rock guard • Belly pan guard • Boom and arm load (lock) valves • Combined one-way or two-way auxiliary hydraulic piping (one or two pump) with hand or foot controls. • Control pattern changer (ISO/BHL) • Front rain visor • High & wide lower (E215B only) • Independent pump auxiliary rotation hydraulic system • Large selection of buckets • Long reach (50') with heavier counterweight (E215B) • Track shoe: E175B – 31.5" (800 mm) triple bar grouser E215B – 35.4" (900 mm) triple bar grouser • Vandalism guards

Feel the passion we've built into the new New Holland E175B and E215B excavators. If you demand productivity, performance and control, see your nearest New Holland dealer today, or use our dealer locator at www.NewHolland.com to find the dealer nearest you.

All features are common to both E175B and E215B models unless noted.

Notes:

1. Do not attempt to lift or hold any load that exceeds these rated values at their specified load radii and heights. Weight of all accessories must be deducted from the above lifting capacities.
2. Lifting capacities assume a machine standing on a level, firm, and uniform supporting surface. Operator must make allowance for job conditions such as soft or uneven ground, out of level conditions, side loads, sudden stopping of loads, hazardous conditions, inexperienced personnel, weight of various other buckets, lifting slings, attachments, etc.
3. Ratings at bucket lift hook.
4. The above rated loads are in compliance with SAE Hydraulic Excavator Lift Capacity Standard J 1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Rated loads marked with an asterisk (*) are limited by hydraulic capacity rather than tipping load.
5. Operator should be fully acquainted with the Operator's and Maintenance Manuals before operating this machine. Rules for safe operation of equipment should be followed at all times.
6. Capacities apply only to the machine as originally manufactured and normally equipped by CNH America LLC.

FULL-SIZE EXCAVATORS

E175B

Operating Weight
37,800 lbs (17,146 kg)

NET Horsepower
121 @ 2,200 rpm
(93kW @ 2,200 rpm)

Max Digging Depth
21'5" (6.52 m)

Bucket Capacity
.45 to 1.36 cu yd (SAE)
(.34 to 1.04 m³)

Bucket Breakout Force
24,900 lbf (110.8 kN) (SAE)
28,000 lbf (124.6 kN) (ISO)

E215B

Operating Weight
47,800 lbs (21,700 kg)

NET Horsepower
150 @ 2,000 rpm
(112 kW @ 2,000 rpm)

Max Digging Depth
22' 0" (6.70 m)

Bucket Capacity
.63 to 1.8 cu yd (SAE)
(.48 to 1.4 m³)

Bucket Breakout Force
31,700 lbf (141 kN) (SAE)
34,613 lbf (154 kN) (ISO)

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*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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