NEW HOLLAND

# FULL-SIZE CRAWLER EXCAVATORS


E130 E160 E215

NEW HOLLAND

# MAXIMUM JOBSITE PRODUCTIVITY

Your working efficiency will soar with a New Holland crawler excavator. These state-of-the-art machines maximize productivity with outstanding power, reliability and operator ease.

**Automatic power response**

- Electronic control system automatically adjusts engine and hydraulic response based on operator input
- Proven, high-horsepower engines
- Smooth, efficient hydraulics

**Best-in-class lift and breakout**

- Rock-solid stability improves working performance
- Highest lift capacity in this power class — for both front and side lifts
- Higher breakout forces than similar-sized machines

**Comfortable cabs boost confidence**

- Quiet, roomy dimensions
- Excellent visibility in all directions
- Conveniently positioned controls
- Automatic temperature control

**Hassle-free maintenance**

- Electric self-diagnostics aid in troubleshooting
- Easy-open shielding provides quick access to maintenance points

Zero-tail-swing compact excavators

Mid-size excavators

**A full line of excavators to meet every need**

New Holland offers five zero-tail-swing compact models with operating weights from 3,240 to 10,275 lbs. and two mid-size units with operating weights of 16,400 and 17,600 lbs. Ask your New Holland construction equipment dealer for more information.



**Full-size performance in cramped spaces**

Confined spaces are no problem for the short-radius New Holland E130. The counterweight extends only nine inches over the edge of the tracks, allowing operators to work close to walls, foundations and other obstructions without worry. The E130's short swing radius to both front and back, plus a narrow design allow you to operate within a 13-foot, 8-inch width.


New Holland crawler excavators feature excellent all-around work site visibility.

Fast fluid checks and ground-level filter servicing saves time.

The outstanding stability of New Holland excavators contributes to industry-leading lift capacity and breakout force.



A Power Boost button on models E160 and E215 provides maximum breakout force for as long as you need it—no time limit!

The Swing Priority feature automatically delivers full swing power to speed up trenching and backfilling jobs.

**Independent Travel System**

Lifting and carrying objects is a very sensitive operation, requiring much skill. The Independent Travel System (on models E160 and E215) makes these tasks easier by reducing the need to "feather" the controls. And, since a separate pump is exclusively dedicated to the travel system, the excavators don't lose speed when raising the load while traveling.


# THE ULTIMATE COMBINATION OF POWER AND CONTROL

New Holland crawler excavators have the power to handle large loads. Plus exceptional control to improve your on-the-job efficiency.

**Automatic response**

- State-of-the-art system adjusts engine and hydraulic response based on operator's commands
- Operators can concentrate on the task without pausing to select working mode
- A digital display confirms which mode is in operation
- A manual mode delivers full performance for jobs that require both maximum power and speed
- Breaker mode provides fine control for easy auxiliary attachment use

**E160 and E215 – Full power with no time limit**

- Power Boost button boosts power by 10 percent for increased breakout force, ***without time limit***
- Heavy Lift switch provides full lifting capacity—***with no time limit***—to lift heavy trench boxes, pipes or underground storage tanks

**Impressive hydraulics**

- Two variable displacement hydraulic pumps deliver ample flow and pressure needed for heavy digging, lifting and swinging
- Swing Priority feature automatically and instantly delivers full swing power when needed, with no special switches to select—ideal for trenching
- Shockless swing valve absorbs the vibration of swing rebounds, allowing precise bucket placement and smoother starts/stops
- Boom and arm holding valves prevent loads from drifting

| | Net Horsepower | Weight |
|---|---|---|
| **E130** | 94 hp (70.6 kW) @ 2,200 rpm | 32,192 lbs (14,600 kg) |
| **E160** | 112 hp (82 kW) @ 2,200 rpm | 36,800 lbs (16,700 kg) |
| **E215** | 148 hp (110 kW) @ 2,200 rpm | 47,000 lbs (21,500 kg) |

# DESIGNED FOR DURABILITY

New Holland crawler excavators are designed for long, dependable operation, even in tough jobs and severe work conditions.

**Proven engines**

- **Model E130** – 94 horsepower Isuzu 4-cylinder turbocharged diesel engine
- **Model E160** – 120 horsepower Mitsubishi 6-cylinder turbocharged diesel engine
- **Model E215** – 148 horsepower Mitsubishi 6-cylinder turbocharged diesel engine
- Direct fuel injection and automatic electronic control system provide outstanding fuel efficiency
- Automatic engine deceleration during periods of inactivity saves fuel and decreases wear. On/off button disengages this feature when not desired

**"X" design undercarriage**

- Heavy-duty design provides the strength needed for tough applications
- Over-dimensioned welded steel plates assure perfect torsional stress distribution
- Travel motors are fully boxed and protected
- Sealed and lubricated rollers and track chains are heavy-duty-rated for outstanding durability
- Innovative track frame design allows easier mud removal

**Two-speed travel**

- Use the high-torque low-speed setting for climbing and carrying, and the high-speed setting for rapid travel
- Straight propel system makes jobs like pipe laying easier

**Heavy-duty boom and arm**

- Rugged boom construction supports outstanding lift capacities
- Solid one-piece bucket linkage improves reliability
- High-durability brass bushings extend maintenance intervals
- Graphite bushing inserts improve lubrication and reduce friction to extend boom and arm pivot points life


**At Your Service**

Industry-leading service access decreases down-time and helps you stay ahead of schedule. The engine hood swings open, making it easy to monitor fluid levels and change filters. The radiator is easy to service, with plenty of room between the radiator and oil cooler for routine cleaning.



Track rollers, idlers and sprockets are lifetime lubricated for long, reliable service.

The heavy-duty “X” design undercarriage stands up to the harsh demands of the job site.

Open the overhead sunshade for maximum visibility to the boom. For fresh air, open the sunroof, side windows, and both front windshield panels. (E160, E215)

The E130 is something unique: a short-radius machine that's not a headache to maintain! Shielding and hoods swing open easily for complete service access.

**The information you need**

This in-cab monitor displays vital functions with an engine tachometer, fuel gauge and engine temperature gauge. Warning and status indicators include low engine oil pressure, low fuel level, air cleaner restriction, engine preheating, battery charging and CPU error. Maintenance interval indicators are also provided for engine oil, fuel filter, hydraulic oil and hydraulic filter change.

# COMFORT AND CONVENIENCE ARE STANDARD

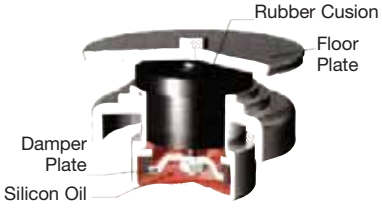
The productive cab features lots of space, plenty of comfort and outstanding visibility.

**Full-vision cab**

- Tinted glass on all sides for outstanding visibility
- Overhead window panel provides an excellent view of the boom
- Five work lights—three front and two rear—brighten your work area

**Operator comfort**

- E160 and E215 feature the most cubic feet of effective operator space in their power class
- Unique silicon-filled cab mounts dampen noise and vibration
- Suspension seat adjusts seven ways for maximum comfort




**Easy-to-use controls**

- A simple, two-lever system controls boom, arm, bucket and swing with pilot-operated wrist controls and foot pedals
- Pilot control lever height adjusts to one of three positions to match your preference

**The perfect temperature**

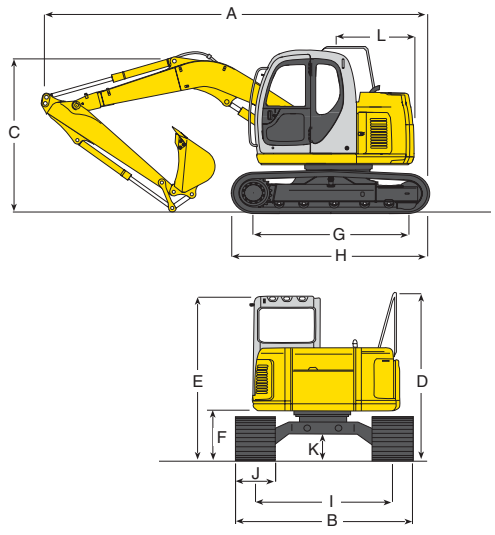
- Automatic climate control maintains pre-set temperature
- The sunroof, front and side windows slide open for fresh air (E160, E215)
- E130 has an overhead hatch with a window opening

**Built-in self-diagnostics**

- In-cab display monitor provides complete system information
- Computer system constantly monitors and displays a full complement of service items to help avoid potential service problems
- A 60-item fault code memory simplifies diagnosis in the event of a problem
- Easy data retrieval from the cab control console—no need for a laptop computer or special tools

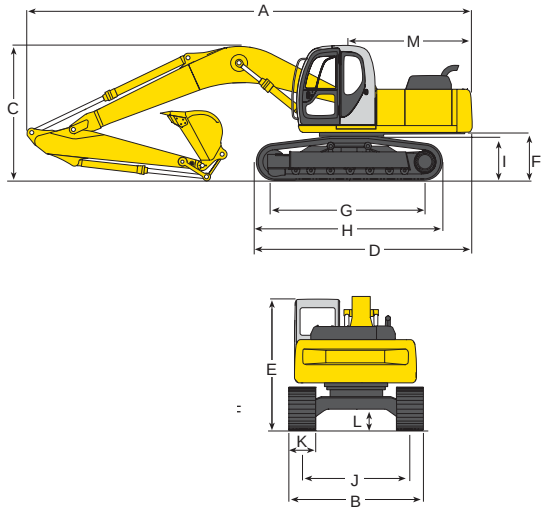
# E130 E160 E215 Dimensions

## E130 DIMENSIONS



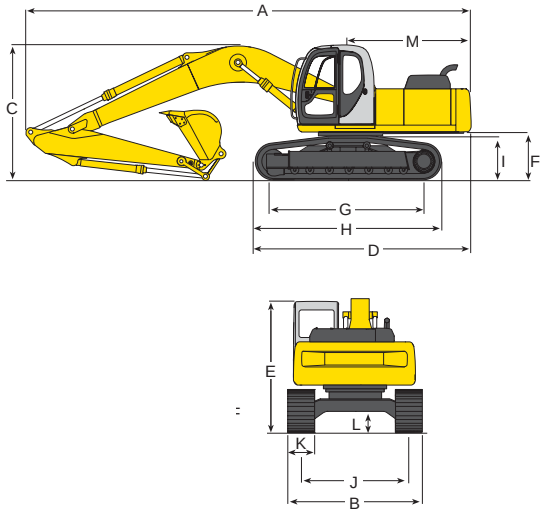

| ARM LENGTH | Standard Arm 9′8″ (2.95 m) |
|---|---|
| A. Overall length | 24′6″ (7.47 m) |
| B. Overall width | 8′6″ (2.59 m) |
| C. Overall height to top of boom | 9′0″ (2.74 m) |
| D. Overall height to top of handrail | 9′3″ (2.81 m) |
| E. Overall height to top of cab | 9′0″ (2.74 m) |
| F. Ground clearance of rear end | 35.8″ (0.91 m) |
| G. Tumbler distance | 9′11″ (3.04 m) |
| H. Overall length of crawler | 12′3″ (3.74 m) |
| I. Track gauge | 6.6″ (1.99 m) |
| J. Shoe width | 23.6″ (0.60 m) |
| K. Ground clearance of undercarriage | 18″ (0.46 m) |
| L. Tail swing radius | 4′8″ (1.43 m) |

## E160 DIMENSIONS




| ARM LENGTH | Standard Arm 10′2″ (3.10 m) | Optional Arm 8′6″ (2.60 m) |
|---|---|---|
| A. Overall length | 28′5″ (8.65 m) | 28′5″ (8.65 m) |
| B. Overall width (w/ 31.5″ crawler shoe) | 8′6″ (2.59 m) | 8′6″ (2.59 m) |
| C. Overall height to top of lowered boom | 9′9″ (2.96 m) | 9′2″ (2.80 m) |
| D. Base machine length | 14′11″ (4.54 m) | 4′11″ (4.54 m) |
| E. Overall height to top of cab | 9′8″ (2.95 m) | 9′8″ (2.95 m) |
| F. Ground clearance of rear end | 3′5″ (1.03 m) | 3′5″ (1.03 m) |
| G. Center to center distance of tumblers | 10′9″ (3.28 m) | 10′9″ (3.28 m) |
| H. Overall length of crawler | 13′5″ (4.08 m) | 13′5″ (4.08 m) |
| I. Crawler height at tumbler center | 37.4″ (0.94 m) | 37.4″ (0.94 m) |
| J. Track gauge | 6′6″ (1.99 m) | 6′6″ (1.90 m) |
| K. Width of crawler shoe | 23.6″ (0.60 m) | 23.6″ (0.60 m) |
| L. Ground clearance of undercarriage | 19″ (0.48 m) | 19″ (0.48 m) |
| M. Tail swing radius | 8′2″ (2.50 m) | 8′2″ (2.50 m) |

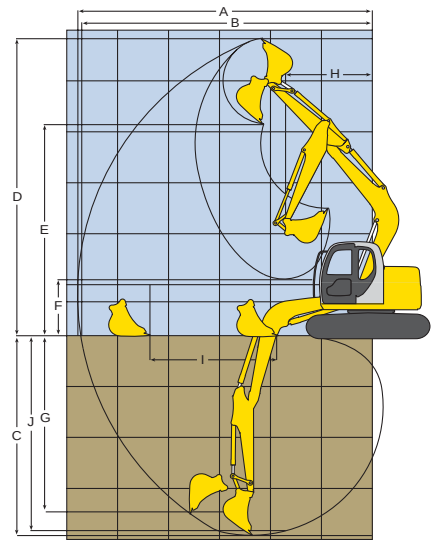
## E215 DIMENSIONS




| ARM LENGTH | Standard Arm 9′8″ (2.95 m) | Optional Arm 11′6″ (3.50 m) |
|---|---|---|
| A. Overall length | 30′10″ (9.41 m) | 31′1″ (9.47 m) |
| B. Overall width (w/ 31.5″ crawler shoe) | 10′6″ (3.19 m) | 10′6″ (3.19 m) |
| C. Overall height to top of lowered boom | 9′7″ (2.91 m) | 10′5″ (3.17 m) |
| D. Base machine length | 16′3″ (4.96 m) | 16′3″ (4.96 m) |
| E. Overall height to top of cab | 9′7″ (2.93 m) | 9′7″ (2.93 m) |
| F. Ground clearance of rear end | 3′6″ (1.06 m) | 3′6″ (1.06 m) |
| G. Center to center distance of tumblers | 12′0″ (3.66 m) | 12′0″ (3.66 m) |
| H. Overall length of crawler | 14′7″ (4.45 m) | 14′7″ (4.45 m) |
| I. Crawler height at tumbler center | 36.8″ (0.94 m) | 36.8″ (0.94 m) |
| J. Track gauge | 7′10″ (2.39 m) | 7′10″ (2.39 m) |
| K. Width of crawler shoe | 31.5″ (0.80 m) | 31.5″ (0.80 m) |
| L. Ground clearance of undercarriage | 17.7″ (0.45 m) | 17.7″ (0.45 m) |
| M. Tail swing radius | 8′11″ (2.73 m) | 8′11″ (2.73 m) |

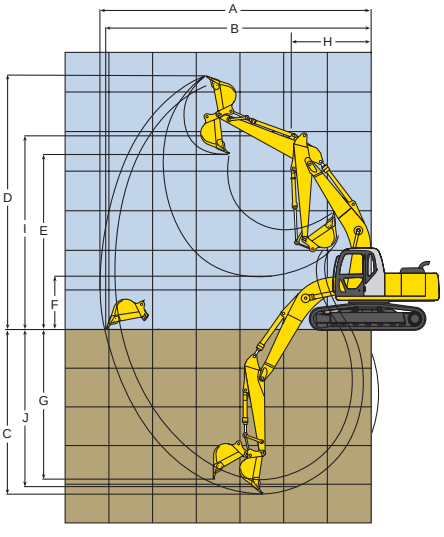
# E130 E160 E215 Working Ranges

## E130 WORKING RANGES



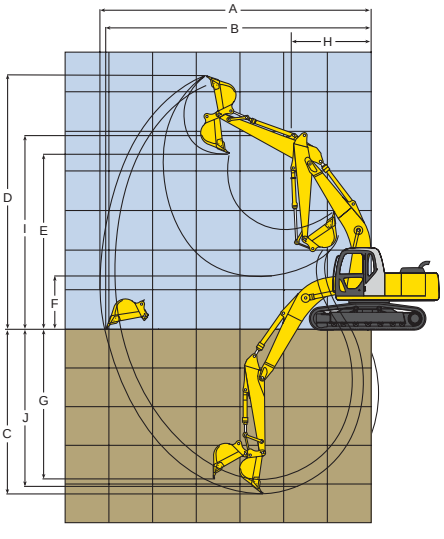

| ATTACHMENT | Standard Arm 9′8″ | (2.95 m) |
|---|---|---|
| A. Maximum digging reach | 28′9″ | (8.77 m) |
| B. Ground level reach | 28′5″ | (8.65 m) |
| C. Maximum digging depth | 19′7″ | (6.01 m) |
| D. Maximum digging height | 29′1″ | (8.86 m) |
| E. Dumping height | 21′1″ | (6.44 m) |
| F. Minimum dumping clearance | 5′5″ | (1.65 m) |
| G. Maximum dumping clearance | 17′2″ | (5.25 m) |
| H. Minimum front swing radius | 8′8″ | (2.65 m) |
| I. Height at minimum front swing radius | 15′8″ | (4.77 m) |
| J. Digging depth for 8′ (2.4 m) flat bottom | 19′2″ | (5.83 m) |

## E160 WORKING RANGES




| ATTACHMENT | Standard Arm 10′2″ | (3.10 m) | Optional Arm 8′6″ | (2.60 m) |
|---|---|---|---|---|
| A. Maximum digging reach | 31′2″ | (9.50 m) | 29′6″ | (8.98 m) |
| B. Ground level reach | 30′7″ | (9.33 m) | 28′11″ | (8.81 m) |
| C. Maximum digging depth | 21′7″ | (6.57 m) | 19′11″ | (6.07 m) |
| D. Maximum digging height | 31′7″ | (9.62 m) | 30′2″ | (9.20 m) |
| E. Dumping height | 22′10″ | (6.96 m) | 21′7″ | (6.57 m) |
| F. Minimum dumping clearance | 6′9″ | (2.07 m) | 8′5″ | (2.57 m) |
| G. Maximum dumping clearance | 19′9″ | (6.02 m) | 17′0″ | (5.18 m) |
| H. Minimum front swing radius | 9′3″ | (2.83 m) | 9′3″ | (2.83 m) |
| I. Height at minimum front swing radius | 24′0″ | (7.32 m) | 24′1″ | (7.34 m) |
| J. Digging depth for 8′ (2.4 m) flat bottom | 21′0″ | (6.40 m) | 19′2″ | (5.83 m) |

## E215 WORKING RANGES




| ATTACHMENT | Standard Arm 9′8″ | (2.95 m) | Optional Arm 11′6″ | (3.50 m) |
|---|---|---|---|---|
| A. Maximum digging reach | 32′6″ | (9.90 m) | 33′10″ | (10.3 m) |
| B. Ground level reach | 32′0″ | (9.75 m) | 33′4″ | (10.2 m) |
| C. Maximum digging depth | 22′0″ | (6.70 m) | 23′10″ | (7.26 m) |
| D. Maximum digging height | 31′6″ | (9.60 m) | 31′3″ | (9.52 m) |
| E. Dumping height | 22′3″ | (6.79 m) | 22′2″ | (6.76 m) |
| F. Minimum dumping clearance | 7′8″ | (2.33 m) | 5′10″ | (1.77 m) |
| G. Maximum dumping clearance | 19′10″ | (6.04 m) | 20′9″ | (6.33 m) |
| H. Minimum front swing radius | 11′8″ | (3.56 m) | 11′8″ | (3.56 m) |
| I. Height at minimum front swing radius | 24′9″ | (7.54 m) | 24′11″ | (7.59 m) |
| J. Digging depth for 8′ (2.4 m) flat bottom | 21′5″ | (6.53 m) | 23′3″ | (7.08 m) |

# E130 E160 E215 Specifications

| ENGINE | E130 | E160 | E215 |
|---|---|---|---|
| Make and model | Isuzu A-4BG1T | Mitsubishi 4D34-TEG | Mitsubishi 6D34-TLED |
| Displacement | 264 $in^3$ (4.33 L) | 238 $in^3$ (3.91 L) | 358 $in^3$ (5.86 L) |
| Bore and stroke | 4.13″ x 4.92″ (105 x 125 mm) | 4.09″ x 4.53″ (104 x 115 mm) | 4.09″ x 4.53″ (104 x 115 mm) |
| Horsepower-SAE NET @ rated RPM | 94 hp @ 2,200 rpm (70.6 kW @ 2,200 rpm) | 112 hp @ 2,200 rpm (82 kW @ 2,200 rpm) | 148 hp @ 2,000 rpm (110 kW @ 2,200 rpm |

| HYDRAULIC SYSTEM | E130 | E160 | E215 |
|---|---|---|---|
| Hydraulic pump | 2VP + 1FG | 2VP + 1FG | |
| Rated oil fow | 2 x 31.4 + 5 gpm (2 x 118 + 20.8) | 2 x 37.9 + 5 gpm (2 x 143.4 + 20.8) | 2 x 55 + 5.5 gpm (2 x 210 + 20.8) |
| Operating pressure | | | |
| Implement | 4,980 psi (34.30 MPa) | 4,980 psi (34.30 MPa) | 4,980 psi (34.30 MPa) |
| Travel | 4,980 psi (34.50 MPa) | 4,980 psi (34.50 MPa) | 4,980 psi (34.50 MPa) |
| Swing | 4,050 psi (27.90 MPa) | 4,050 psi (27.90 MPa) | 4,050 psi (27.90 MPa) |
| Power boost | 4,050 psi (27.90 MPa) | 5,470 psi (37.80 MPa) | 5,470 psi (37.80 MPa) |
| Pilot | 710 psi (4.90 MPa) | 710 psi (4.90 MPa) | 710 psi (4.90 MPa) |
| Control valve | 6 spool | 6 spool | 6 spool |
| Control | Pilot Operated | Pilot Operated | Pilot Operated |

| UNDERCARRIAGE | E130 | E160 | E215 |
|---|---|---|---|
| Track overall length | 12′3″ (3.74 m) | 13′5″ (4.08 m) | 14′7″ (4.45 m) |
| Track overall width w/ std. shoe | 8′6″ (2.59 m) | 8′6″ (2.59 m) | 10′6″ (3.19 m |
| Travel speed | 3.7/2.2 mph (6.0/3.5 km/h) | 3.7/2.5 mph (6.0/4.0 km/h) | 3.7/2.5 mph (6.0/4.0 km/h |
| Draw bar pull | 28,500 lbf (126.77 kN) | 35,100 lbf (156 kN) | 44,700 lbf (199 kN) |
| Gradeability | 35° (70%) | 35° (70%) | 35° (70%) |
| Ground clearance | 18 in. (0.46 m) | 19 in. (0.48 m) | 17.72 in. (0.45 m) |

| SWING | E130 | E160 | E215 |
|---|---|---|---|
| Swing speed | 11.7 rpm | 11 rpm | 11 rpm |
| Swing torque | 28,175 lb. ft. (38.00 kN-m) | 38,722 lb. ft. (52.50 kN-m) | 48,077 lb. ft. (65.20 kN-m) |
| Tail swing radius | 4′8″ (1.43 m) | 8′2″ (2.59 m) | 9′0″ (2.73 m) |
| Automatic swing brake | Yes | Yes | Yes |

| SHIPPING DIMENSIONS | E130 | E160 | E215 |
|---|---|---|---|
| Height | 9′3″ (2.81 m) | 9′9″ (2.96 m) | 9′7″ (2.93 m) |
| Width w/ std. shoe | 8′6″ (2.59 m) | 8′6″ (2.59 m) | 10′6″ (3.19 m) |
| Length | 24′6″ (7.47 m) | 28′5″ (8.65 m) | 30′10″ (9.41 m) |

| REFILL CAPACITIES | E130 | E160 | E215 |
|---|---|---|---|
| Fuel tank | 44.4 gal. (168 L) | 74.2 gal. (281 L) | 90 gal. (340 L) |
| Hydraulic reservoir | 24.8 gal. (94 L) | 37.8 gal. (143 L) | 41 gal. (156 L) |
| Hydraulic system (including reservoir) | 37 gal. (140 L) | 42 gal. (159 L) | 65 gal. (246 L) |
| Cooling system | 4.8 gal. (18 L) | 5 gal. (19 L) | 5 gal. (19 L) |
| Lubrication: engine oil | 3.4 gal. (13 L) | 4 gal. (15 L) | 6.3 gal. (24 L) |

# E130 E160 E215 Specifications

## OPERATING WEIGHTS AND WIDTH

| | Operating Weight | Ground Pressure | Width | Bucket Capacity Range |
|---|---|---|---|---|
| **E130** | | | | |
| With 23.6″ (600 mm) shoes | 32,192 lb. (14,600 kg) | 5.33 psi (0.37 kg/cm²) | 8′6″ (2.59 m) | .44~88 yd³ (.34~.67 m³) |
| **E160** | | | | |
| With 23.6″ (600 mm) shoes | 36,800 lb. (16,700 kg) | 5.51 psi (0.38 kg/cm²) | 8′6″ (2.59 m) | .45~1.36 yd³ (.34~.1.04 m³) |
| With 31.5″ (800 mm) shoes | 38,100 lb. (17,300 kg) | 4.35 psi (0.30 kg/cm²) | 9′2″ (2.79 m) | .45~1.36 yd³ (.34~.1.04 m³) |
| **E215** | | | | |
| With 27.6″ (700 mm) shoes | 46,300 lb. (21,000 kg) | 5.40 psi (0.38 kg/cm²) | 10′2″ (3.09 m) | .63~1.8 yd³ (.48~.1.4 m³) |
| With 31.5″ (800 mm) shoes | 47,000 lb. (21,300 kg) | 4.83 psi (0.34 kg/cm²) | 10′6″ (3.19 m) | .63~1.8 yd³ (.48~.1.4 m³) |
| With 35.4″ (900 mm) shoes | 47,400 lb. (21,500 kg) | 4.27 psi (0.30 kg/cm²) | 10′10″ (3.29 m) | .63~1.8 yd³ (.48~.1.4 m³) |

## WORKING FORCES

| | Bucket Digging Force | | Arm Digging Force | |
|---|---|---|---|---|
| | SAE | ISO | SAE | ISO |
| **E130** | | | | |
| With 9′8″ (2.95 m) Arm selection | 19,000 lbf (8,620 kgf) | 21,357 lbf (9,687 kgf) | 12,569 lbf (5,700 kgf) | 13,061 lbf (5,924 kgf) |
| **E160*** | | | | |
| With 8′6″ (2.60 m) Arm selection | 24,900 lbf (11,300 kgf) | 28,000 lbf (12,700 kgf) | 19,700 lbf (8,935 kgf) | 20,275 lbf (9,195 kgf) |
| With 10′2″ (3.10 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) |
| **E215*** | | | | |
| With 9′8″ (2.95 m) Arm selection | 31,700 lbf (14,379 kgf) | 35,398 lbf (16,056 kgf) | 23,200 lbf (10,523 kgf) | 24,000 lbf (10,886 kgf) |
| With 11′6″ (3.50 m) Arm selection | 28,800 lbf (13,063 kgf) | 32,160 lbf (14,587 kgf) | 19,300 lbf (8,754 kgf) | 19,960 lbf (9,053 kgf) |

* E160 and E215 working forces measured with Power Boost on.

# E130 E160 E215 Bucket Selection

## E130 BUCKET SELECTION

| Application | Capacity (SAE) | | Width | | Bucket Weight | | Arm Length ft.-in. (m) |
|---|---|---|---|---|---|---|---|
| | $yd^3$ | $m^3$ | in. | (m) | lb. | (kg) | 9′8″ (2.95) |
| General | 0.3 | (0.23) | 18 | (0.46) | 650 | (295) | H |
| | 0.44 | (0.34) | 24 | (0.61) | 720 | (327) | H |
| | 0.58 | (0.44) | 30 | (0.76) | 835 | (379) | M |
| | 0.73 | (0.56) | 36 | (0.91) | 905 | (411) | L |
| | 0.88 | (0.67) | 42 | (1.07) | 1015 | (460) | L |
| Heavy | 0.3 | (0.23) | 18 | (0.46) | 705 | (320) | H |
| | 0.44 | (0.34) | 24 | (0.61) | 780 | (354) | H |
| | 0.58 | (0.44) | 30 | (0.76) | 900 | (408) | M |
| | 0.73 | (0.56) | 36 | (0.91) | 975 | (442) | L |
| | 0.88 | (0.67) | 42 | (1.07) | 1090 | (494) | X |

## E160 BUCKET SELECTION

| Application | Capacity (SAE) | | Width | | Bucket Weight | | Arm Length ft.-in. (m) | |
|---|---|---|---|---|---|---|---|---|
| | $yd^3$ | $m^3$ | in. | (m) | lb. | (kg) | 10′2″ (3.1) | 8′6″ (2.6) |
| General | 0.45 | (0.34) | 20 | (0.51) | 1045 | (474) | H | H |
| | 0.58 | (0.44) | 24 | (0.61) | 1120 | (508) | H | H |
| | 0.77 | (0.59) | 30 | (0.76) | 1280 | (581) | M | H |
| | 0.97 | (0.74) | 36 | (0.91) | 1395 | (633) | L | M |
| | 1.16 | (0.89) | 42 | (1.07) | 1550 | (703) | X | L |
| | 1.36 | (1.04) | 48 | (1.22) | 1710 | (776) | X | L |
| Heavy | 0.45 | (0.34) | 20 | (0.51) | 1120 | (508) | H | H |
| | 0.58 | (0.44) | 24 | (0.61) | 1200 | (544) | H | H |
| | 0.77 | (0.59) | 30 | (0.76) | 1365 | (619) | M | H |
| | 0.97 | (0.74) | 36 | (0.91) | 1485 | (678) | L | M |
| | 1.16 | (0.88) | 42 | (1.07) | 1660 | (753) | X | L |
| Severe | 0.56 | (0.43) | 26 | (0.66) | 1405 | (637) | H | H |
| | 0.69 | (0.53) | 31 | (0.79) | 1540 | (698) | M | H |
| | 0.85 | (0.65) | 37 | (0.94) | 1740 | (789) | L | M |

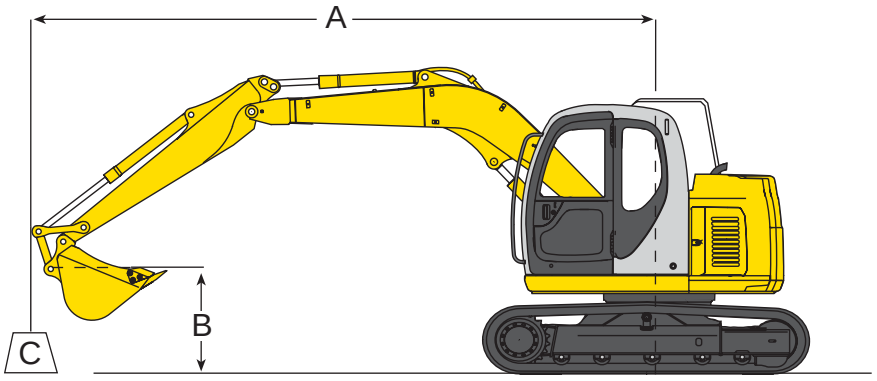
## E215 BUCKET SELECTION

| Application | Capacity (SAE) | | Width | | Bucket Weight | | Arm Length ft.-in. (m) | |
|---|---|---|---|---|---|---|---|---|
| | $yd^3$ | $m^3$ | in. | (m) | lb. | (kg) | 9′8″ (2.95) | 11′6″ (3.5) |
| General | 0.91 | (0.70) | 30 | (0.76) | 1325 | (601) | H | H |
| | 1.14 | (0.87) | 36 | (0.91) | 1450 | (658) | H | M |
| | 1.37 | (1.05) | 42 | (1.07) | 1651 | (749) | M | L |
| | 1.6 | (1.22) | 48 | (1.22) | 1780 | (807) | L | X |
| | 1.8 | (1.38) | 54 | (1.37) | 2019 | (916) | L | X |
| Heavy | 0.68 | (0.52) | 24 | (0.61) | 1250 | (567) | H | H |
| | 0.91 | (0.70) | 30 | (0.76) | 1420 | (644) | H | M |
| | 1.14 | (0.87) | 36 | (0.91) | 1560 | (708) | M | L |
| | 1.37 | (1.04) | 42 | (1.07) | 1730 | (785) | L | X |
| | 1.6 | (1.22) | 48 | (1.22) | 1905 | (864) | X | X |
| Severe | 0.63 | (0.48) | 26 | (0.66) | 1455 | (660) | H | H |
| | 0.75 | (0.57) | 31 | (0.79) | 1590 | (721) | H | H |
| | 0.88 | (0.67) | 37 | (0.94) | 1790 | (812) | M | M |
| | 1.13 | (0.87) | 43 | (1.09) | 2000 | (907) | L | X |

H - Used with material weight (density) up to 3,000 lbs./$yd^3$ (1,780 kg/$m^3$)
M - Used with material weight (density) up to 2,500 lbs./$yd^3$ (1,483 kg/$m^3$)
L - Used with material weight (density) up to 2,000 lbs./$yd^3$ (1,196 kg/$m^3$)
X - Not recommended

# E130 Lifting Capacity

## E130 LIFTING CAPACITIES



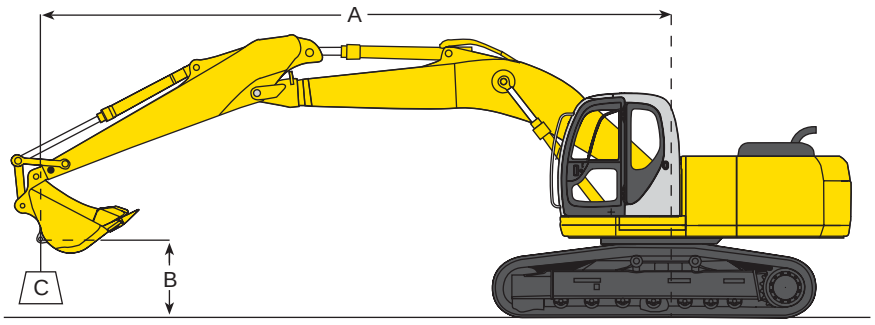

| Arm: 9′ 8″ (2.95 m) | Bucket: 706 lbs. (320 kg) | Shoes: 600 mm (23.6″) triple grouser | Boom: 15′1″ (4.6 m) |
|---|---|---|---|

| BUCKET HOOK HEIGHT (B) | | EXTENSION RADIUS (A) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 5 ft. | | 10 ft. | | 15 ft. | | 20 ft. | |
| | | front | side | front | side | front | side | front | side |
| 15 ft. (4.6 m) | lb. | | | | | | | *5,800 | 4,800 |
| | kg | | | | | | | *2,600 | 2,100 |
| 10 ft. (3.0 m) | lb. | | | | | *7,300 | *7,300 | *6,400 | 4,600 |
| | kg | | | | | *3,300 | *3,300 | *2,900 | 2,000 |
| 5 ft. (1.5 m) | lb. | | | *14,900 | 12,900 | *9,400 | 6,800 | 7,000 | 4,300 |
| | kg | | | *6,700 | 5,800 | *4,200 | 3,100 | 3,100 | 1,900 |
| Ground level | lb. | | | *18,200 | 11,700 | 10,600 | 6,300 | 6,700 | 4,000 |
| | kg | | | *8,200 | 5,300 | 4,800 | 2,800 | 3,000 | 1,800 |
| -5 ft. (-1.5 m) | lb. | *10,200 | *10,200 | *18,300 | 11,400 | 10,300 | 6,000 | 6,500 | 3,900 |
| | kg | *4,600 | *4,600 | *8,300 | 5,100 | 4,700 | 2,700 | 2,900 | 1,700 |
| -10 ft. (-3.0 m) | lb. | *15,900 | *15,900 | *16,300 | 11,500 | 10,300 | 6,000 | | |
| | kg | *7,200 | *7,200 | *7,400 | 5,200 | 4,600 | 2,700 | | |
| -15 ft. (-4.6 m) | lb. | | | *11,400 | *11,400 | | | | |
| | kg | | | *5,100 | *5,100 | | | | |

1. Do not attempt to lift of hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. Lifting capacities are based on machine standing on level, firm and uniform ground.
3. User must make allowance for job conditions such as soft or uneven ground, out of level conditions, experience of personnel, etc.
4. Ratings at bucket lift hook.
5. The above rated loads are in compliance with SAE Hydraulic Excavator Lift Capacity Rating Standard J 1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load.
6. Rated loads are marked with an asterisk (*) are limited by hydraulic capacity rather than tipping load.
7. Operator should be fully acquainted with the operator's and Maintenance Instructions before operating this machine and rules for safe operation of equipment should be adhered to at all times.
8. Capacities apply to only machine as originally manufactured and normally equipped by NEW HOLLAND CONSTRUCTION NORTH AMERICA.

# E160 Lifting Capacity

## E160 LIFTING CAPACITIES

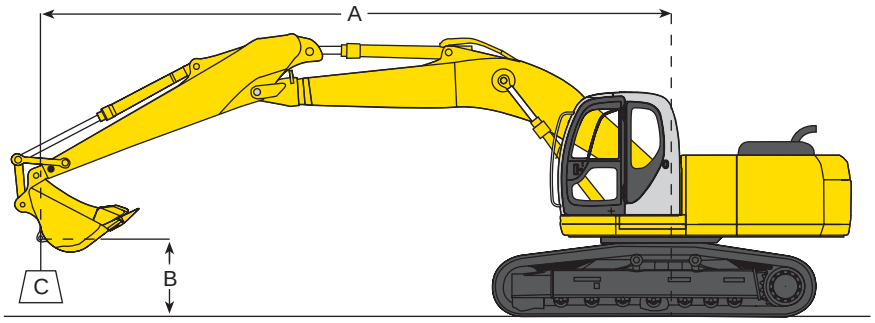



| Arm: 10′ 2″ (3.1 m) | | Bucket: 816 lbs. (370 kg) | | Shoes: 600 mm (23.6″) triple grouser | | | | Boom: 17′1″ (5.2 m) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BUCKET HOOK HEIGHT (B) | | EXTENSION RADIUS (A) 5 ft. front | 5 ft. side | 10 ft. front | 10 ft. side | 15 ft. front | 15 ft. side | 20 ft. front | 20 ft. side | 25 ft. front | 25 ft. side |
| 20 ft. (6.1 m) | lb. | | | | | | | *6,760 | 6,680 | | |
| | kg | | | | | | | *3,060 | 3,030 | | |
| 15 ft. (4.6 m) | lb. | | | | | | | *8,660 | 6,470 | *4,380 | 4,260 |
| | kg | | | | | | | *3,920 | 2,930 | *1,980 | 1,930 |
| 10 ft. (3.0 m) | lb. | | | *16,810 | *16,810 | *11,960 | 9,710 | *9,850 | 6,080 | *6,880 | 4,100 |
| | kg | | | *7,620 | *7,620 | *5,420 | 4,400 | *4,460 | 2,750 | *3,120 | 1,860 |
| 5 ft. (1.5 m) | lb. | | | *24,010 | 16,180 | *14,860 | 8,770 | 9,950 | 5,640 | 6,950 | 3,890 |
| | kg | | | *10,890 | 7,340 | *6,740 | 3,980 | 4,510 | 2,550 | 3,150 | 1,760 |
| Ground level | lb. | *8,260 | *8,260 | *20,830 | 14,960 | 15,120 | 8,100 | 9,550 | 5,280 | 6,750 | 3,720 |
| | kg | *3,740 | *3,740 | *9,440 | 6,780 | 6,850 | 3,670 | 4,330 | 2,390 | 3,060 | 1,680 |
| -5 ft. (-1.5 m) | lb. | *13,940 | *13,940 | *24,630 | 14,690 | 14,760 | 7,790 | 9,340 | 5,090 | | |
| | kg | *6,320 | *6,320 | *11,170 | 6,660 | 6,690 | 3,530 | 4,230 | 2,310 | | |
| -10 ft. (-3.0 m) | lb. | *20,200 | *20,200 | *22,970 | 14,870 | 14,760 | 7,800 | 9,350 | 5,100 | | |
| | kg | *9,160 | *9,160 | *10,410 | 6,740 | 6,690 | 3,530 | 4,240 | 2,310 | | |
| -15 ft. (-4.6 m) | lb. | *27,100 | *27,100 | *17,050 | 14,450 | *11,730 | 8,120 | | | | |
| | kg | *12,290 | *12,290 | *7,730 | 7,000 | *5,320 | 3,680 | | | | |
| **Arm: 8′ 6″ (2.6 m)** | | **Bucket: 992 lbs. (370 kg)** | | **Shoes: 600 mm (23.6″) triple grouser** | | | | **Boom: 17′1″ (5.2 m)** | | | |
| 20 ft. (6.1 m) | lb. | | | | | | | *6,190 | *6,190 | | |
| | kg | | | | | | | *2,800 | *2,800 | | |
| 15 ft. (4.6 m) | lb. | | | | | *10,470 | 10,260 | *9,380 | 6,290 | | |
| | kg | | | | | *4,750 | 4,650 | *4,250 | 2,850 | | |
| 10 ft. (3.0 m) | lb. | | | *19,470 | 17,960 | *13,060 | 9,430 | 10,280 | 5,930 | *4,830 | 4,000 |
| | kg | | | *8,830 | 8,140 | *5,920 | 4,270 | 4,660 | 2,690 | *2,190 | 1,810 |
| 5 ft. (1.5 m) | lb. | | | *21,800 | 15,620 | 15,670 | 8,570 | 9,840 | 5,540 | *6,600 | 3,830 |
| | kg | | | *9,890 | 7,080 | 7,110 | 3,880 | 4,460 | 2,510 | *2,990 | 1,730 |
| Ground level | lb. | | | *20,530 | 14,860 | 15,020 | 8,010 | 9,500 | 5,240 | | |
| | kg | | | *9,310 | 6,740 | 6,810 | 3,630 | 4,310 | 2,370 | | |
| -5 ft. (-1.5 m) | lb. | *16,290 | *16,290 | *25,060 | 14,820 | 14,780 | 7,820 | 9,360 | 5,110 | | |
| | kg | *7,380 | *7,380 | *11,360 | 6,720 | 6,700 | 3,540 | 4,240 | 2,310 | | |
| -10 ft. (-3.0 m) | lb. | *23,830 | *23,830 | *21,220 | 15,130 | *14,800 | 7,910 | | | | |
| | kg | *10,800 | *10,800 | *9,620 | 6,860 | *6,710 | 3,590 | | | | |
| -15 ft. (-4.6 m) | lb. | | | *14,050 | *14,050 | | | | | | |
| | kg | | | *6,370 | *6,370 | | | | | | |

1. Do not attempt to lift of hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. Lifting capacities are based on machine standing on level, firm and uniform ground.
3. User must make allowance for job conditions such as soft or uneven ground, out of level conditions, experience of personnel, etc.
4. Ratings at bucket lift hook.
5. The above rated loads are in compliance with SAE Hydraulic Excavator Lift Capacity Rating Standard J 1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load.
6. Rated loads are marked with an asterisk (*) are limited by hydraulic capacity rather than tipping load.
7. Operator should be fully acquainted with the operator's and Maintenance Instructions before operating this machine and rules for safe operation of equipment should be adhered to at all times.
8. Capacities apply to only machine as originally manufactured and normally equipped by NEW HOLLAND CONSTRUCTION NORTH AMERICA.

# E215 Lifting Capacity

## E215 LIFTING CAPACITIES




| Arm: 9′ 8″ (2.95 m) | Bucket: 1430 lbs. (650 kg) | Shoes: 800 mm (32″) triple grouser | Boom: 18′6″ (5.6 m) |
|---|---|---|---|

| BUCKET HOOK HEIGHT (B) | | EXTENSION RADIUS (A) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 5 ft. | | 10 ft. | | 15 ft. | | 20 ft. | | 25 ft. | |
| | | front | side | front | side | front | side | front | side | front | side |
| 25 ft. (7.6 m) | lb. kg | | | | | | | *7,370 *3,340 | 7,370 3,340 | | |
| 20 ft. (6.1 m) | lb. kg | | | | | | | | | | |
| 15 ft. (4.6 m) | lb. kg | | | | | | | *12,090 *5,480 | 10,630 4,820 | *9,580 *4,340 | 7,210 3,270 |
| 10 ft. (3.0 m) | lb. kg | | | *27,130 *12,300 | *27,130 *12,300 | *17,710 *8,030 | 15,960 7,240 | *14,100 *6,390 | 10,090 4,570 | 11,110 5,040 | 6,970 3,160 |
| 5 ft. (1.5 m) | lb. kg | | | *17,530 *7,950 | *17,530 *7,950 | *22,100 *10,020 | 14,760 6,690 | 15,480 7,020 | 9,520 4,320 | 10,810 4,900 | 6,690 3,030 |
| Ground level | lb. kg | | | *18,180 *8,240 | *18,180 *8,240 | 24,140 10,950 | 14,000 6,350 | 14,990 6,800 | 9,090 4,120 | 10,560 4,790 | 6,460 2,930 |
| -5 ft. (-1.5 m) | lb. kg | *15,470 *7,010 | *15,470 *7,010 | *25,200 *11,420 | *25,200 *11,420 | 23,800 10,790 | 13,710 6,210 | 14,740 6,680 | 8,870 4,020 | 10,450 4,740 | 6,360 2,880 |
| -10 ft. (-3.0 m) | lb. kg | *23,680 *10,740 | *23,680 *10,740 | *34,920 *15,830 | 27,360 12,410 | 23,860 10,820 | 13,760 6,240 | 14,770 6,690 | 8,890 4,030 | | |
| -15 ft. (-4.6 m) | lb. kg | | | *28,080 *12,730 | *28,080 *12,730 | *19,720 *8,940 | 14,150 6,420 | | | | |

| Arm: 11′ 6″ (3.5 m) | Bucket: 1390 lbs. (630 kg) | Shoes: 800 mm (32″) triple grouser | Boom: 18′6″ (5.6 m) |
|---|---|---|---|

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | *6,480 *2,940 | *6,480 *2,940 |
| 20 ft. (6.1 m) | lb. kg | | | | | | | *10,940 *4,960 | 10,790 4,890 | *9,610 *4,360 | 7,300 3,310 |
| 15 ft. (4.6 m) | lb. kg | | | | | *15,910 *7,210 | *15,910 *7,210 | *13,040 *5,910 | 10,200 4,620 | 11,170 5,060 | 7,010 3,180 |
| 10 ft. (3.0 m) | lb. kg | | | *28,150 *12,760 | *28,150 *12,760 | *20,620 *9,350 | 14,940 6,770 | *15,390 *6,980 | 9,570 4,340 | 10,820 4,900 | 6,690 3,030 |
| 5 ft. (1.5 m) | lb. kg | *8,720 * 3,950 | *8,720 *3,950 | *21,280 *9,650 | *21,280 *9,650 | *23,960 *10,860 | 14,000 6,350 | 14,970 6,790 | 9,070 4,110 | 10,520 4,770 | 6,410 2,910 |
| Ground level | lb. kg | *15,190 *6,890 | *15,190 *6,890 | *25,630 *11,620 | *25,630 *11,620 | 23,650 10,720 | 13,570 6,150 | 14,640 6,640 | 8,770 3,970 | 10,340 4,690 | 6,250 2,830 |
| -5 ft. (-1.5 m) | lb. kg | *22,080 *10,010 | *22,080 *10,010 | *33,850 *15,350 | 26,860 12,180 | 23,590 10,700 | 13,520 6,130 | 14,570 6,610 | 8,710 3,950 | | |
| -10 ft. (-3.0 m) | lb. kg | *30,390 *13,780 | *30,390 *13,780 | *30,930 *14,020 | 27,480 12,460 | 21,350 9,680 | 13,790 6,250 | 14,830 6,720 | 8,930 4,050 | | |
| -15 ft. (-4.6 m) | lb. kg | | | | | | | | | | |

1. Do not attempt to lift of hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. Lifting capacities are based on machine standing on level, firm and uniform ground.
3. User must make allowance for job conditions such as soft or uneven ground, out of level conditions, experience of personnel, etc.
4. Ratings at bucket lift hook.
5. The above rated loads are in compliance with SAE Hydraulic Excavator Lift Capacity Rating Standard J 1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load.
6. Rated loads are marked with an asterisk (*) are limited by hydraulic capacity rather than tipping load.
7. Operator should be fully acquainted with the operator's and Maintenance Instructions before operating this machine and rules for safe operation of equipment should be adhered to at all times.
8. Capacities apply to only machine as originally manufactured and normally equipped by NEW HOLLAND CONSTRUCTION NORTH AMERICA.

# E130 E160 E215 Base & Optional Equipment

## E130 BASE EQUIPMENT

**DIESEL ENGINE**
Isuzu A-4BG1T, 4 stroke, 4 cylinder
Water cooled direct injection turbo charged Diesel engine
-94 SAE NET HP @ 2,200 RPM
-238 cu. in displacement
US EPA compliant
Air intake pre-heat starting aid
Air cleaner - dry type, dual element
Fuel Tank: 42.3 gallons (160 liters)

**ELECTRICAL SYSTEM**
24 Volt System
Heavy duty batteries - 2x12V-80AH)
Starting motor - 24V- 4.5KW
Alternator - 30 Amp
Front working lights - 2 switchable
Swing flashers - 2 switchable
24 volt to 12 volt converter with 12 volt power outlet.

**HYDRAULIC SYSTEM**
Two in-line variable displacement axial piston pumps
Pilot pump
Hydraulic oil cooler and filter
Sequenced arm recharge system
Standard factory fill ISO-VG46 hydraulic oil.
Boom hoist cylinders
Boom and arm anti-drift valves
Swing shockless valve
Swing brake and Travel brake both spring applied and hydraulically released
Combination one/two way flow auxiliary hydraulics with piping to the end of the arm with hand controls.
Engine and hydraulic oil warm-up.
Control pattern changer (ISO / BHL)

**TRAVEL SYSTEM**
Automatic two-speed travel
Travel alarm
Straight propel

**BOOM AND ARM**
Boom - 15′1″ (4.6m) monoboom reinforced
Arm - 9′8″ (2.95.m) reinforced
Rock guard
Reinforcement for auxiliary hydraulics

**UNDERCARRIAGE**
Long carriage with standard 23.6″ (600mm) wide triple grouser track pads
Lifetime lubricated track rollers, idlers and sprockets
Grease cylinder track adjuster
Master track link disassembly mechanism
Long pitch tracks with strut reinforcement.
Center track guides.

**OPERATOR STATION**
Die formed, modular steel full vision cab
Silicon viscous mount
Sound insulated
Windshield wiper and washer
Lap safety belt
High capacity climate controlled air conditioning and heating system
AM/FM stereo radio with speakers.
Defroster
Large capacity cup holder
Cigarette lighter
Ashtray
Coathook
Floor mat
Control lever lock
Storage compartment behind seat
Skylight with sunshade
Large exterior left and right rearview mirrors
Horn
Air suspension seat 7 way adjustable
Two lever control for boom, arm, bucket, and swing
Pilot operated semi-long controls
Travel levers with foot pedals and toe tabs removable travel levers with storage area.
Manual engine shut off

**INSTRUMENTS**
Multi-display monitor includes
System status
Engine-preheat status
Low engine oil pressure warning
Engine coolant temperature warning,
Engine air cleaner restriction
Battery charging system, low fuel level,
CPU error indicator lamp
Hour meter
Fuel level gauge
Water temperature gauge
Travel speed switch
Swing brake release
Low engine oil pressure buzzer indicator
High engine temperature audible alarm

**OPERATING FEATURES**
Working modes
- Standard (default)
- Heavy
- Fine Control

Swing priority system for trenching
Auto engine decel - switchable ON/OFF - with direct return to throttle setting for reduced fuel consumption.

**SERVICEABILITY**
Large clearance between radiator and oil
Advanced diagnostics - in-cab pressure / engine characteristics readout - without additional equipment
Fault code monitor and history

**MISCELLANEOUS**
Counterweight - 9,017 lbs.

**WARRANTY**
New Holland Standard Warranty Applies
FREIGHT AND SHIPPING POINT
FOB Port of Entry
Does Not Include Bucket.

## E160 BASE EQUIPMENT

**DIESEL ENGINE**
Mitsubishi 4D34-TEG, 4 stroke, 6 cylinder
Water cooled direct injection turbo charged Diesel engine
-112 SAE NET HP @ 2,200 RPM
-238 cu. in displacement
US EPA Tier II compliant
Air intake pre-heat starting aid
Air cleaner - dry type, dual element
Fuel Tank: 74.2 gallons (281 liters)

**ELECTRICAL SYSTEM**
24 Volt System
Heavy duty batteries - (2x12V-80AH)
Starting motor - 24V- 5KW
Alternator - 35 Amp
Front working lights - 2 switchable
Rear working lights - 2 switchable
Swing flashers - 2 switchable
24 volt to 12 volt converterwith 12 volt power outlet

**HYDRAULIC SYSTEM**
Two in-line variable displacement axial piston pumps
Pilot pump
Hydraulic oil cooler and filter
Sequenced arm recharge system
Standard factory fill ISO-VG46 hydraulic oil.
Boom hoist cylinders
Boom and arm anti-drift valves
Swing shockless valve
Swing brake and Travel brake both spring applied and hydraulically released
Engine and hydraulic oil warm-up

**TRAVEL SYSTEM**
Automatic two-speed travel
Travel alarm
Straight propel
Independent travel

**BOOM AND ARM**
Boom - 17′1″ (5.2 m) monoboom reinforced
Arm - 10′2″ (3.1 m) reinforced
Rock guard
Reinforcement for auxiliary hydraulics

**UNDERCARRIAGE**
Long carriage with standard 23.6″ (600 mm) wide triple grouser track pads
Lifetime lubricated track rollers, idlers and sprockets
Grease cylinder track adjuster
Master track link disassembly mechanism
Long pitch tracks with strut reinforcement.
Center track guides.

**OPERATOR STATION**
Die formed, modular steel full vision cab
Silicon viscous mounts
Sound insulated
Windshield wiper and washer
Lap safety belt
High capacity climate controlled air conditioning and heating system
AM/FM stereo radio with speakers
Defroster
Large capacity cup holder
Cigarette lighter
Ashtray
Coathook
Floor mat
Control lever lock
Storage compartment behind seat
Skylight with sunshade
Large exterior left and right rearview mirrors
Horn
Air suspension seat 7 way adjustable
Two lever control for boom, arm, bucket, and swing
Pilot operated semi-long controls
Travel levers with foot pedals and toe tabs removable travel levers with storage area
Manual engine shut off

**INSTRUMENTS**
Multi-display monitor includes
System status
Engine-preheat status
Low engine oil pressure warning
Engine coolant temperature warning
Engine air cleaner restriction
Battery charging system, low fuel level
CPU error indicator lamp
Hour meter
Fuel level gauge
Water temperature gauge
Travel speed switch
Swing brake release
Low engine oil pressure buzzer indicator
High engine temperature audible alarm

**OPERATING FEATURES**
Working modes
- Assist (default) with “fuzzy logic” mode change responding to operator control lever movements
- Manual
- Breaker with in cab flow adjustment

Power boost - with NO time limit
Heavy lift - with NO time limit
Swing priority system for trenching
Auto engine decel - switchable ON/OFF - with direct return to throttle setting for reduced fuel consumption.

**SERVICEABILITY**
Large clearance between radiator and oil
Advanced diagnostics - in-cab pressure / engine characteristics readout - without additional equipment
Fault code monitor and history

**MISCELLANEOUS**
Counterweight - 6,629 lbs.

**WARRANTY**
New Holland Standard Warranty Applies
FREIGHT AND SHIPPING POINT
FOB Port of Entry
Does Not Include Bucket.

# E130 E160 E215 Base & Optional Equipment

## E215 BASE EQUIPMENT

**DIESEL ENGINE**
Mitsubishi 6D34-TLED, 4 stroke, 6 cylinder
Water cooled direct injection turbo charged Diesel engine
-148 SAE NET HP @ 2,000 RPM
-358 cu. in displacement
US EPA Tier II compliant
Air intake pre-heat starting aid
Air cleaner - dry type, dual element
Fuel Tank: 89.8 gallons (340 liters)

**ELECTRICAL SYSTEM**
24 Volt System
Heavy duty batteries - (2x12V-80AH)
Starting motor - 24V- 5KW
Alternator - 35 Amp
Front working lights - 2 switchable
Rear working lights - 2 switchable
Swing flashers - 2 switchable
24 volt to 12 volt converter with 12 volt power outlet

**HYDRAULIC SYSTEM**
Two in-line variable displacement axial piston pumps
Pilot pump
Hydraulic oil cooler and filter
Sequenced arm recharge system
Standard factory fill ISO-VG46 hydraulic oil
Boom hoist cylinders
Boom and arm anti-drift valves
Swing shockless valve
Swing brake and Travel brake both spring applied and hydraulically released
Engine and hydraulic oil warm-up

**TRAVEL SYSTEM**
Automatic two-speed travel
Travel alarm
Straight propel
Independent travel

**BOOM AND ARM**
Boom - 18′6″(5.65 m) monoboom reinforced
Arm - 9′8″ (2.94 m) reinforced
Rock guard
Reinforcement for auxiliary hydraulics

**UNDERCARRIAGE**
Long carriage with standard 31.5″ (800 mm) wide triple grouser track pads
Lifetime lubricated track rollers, idlers and sprockets
Grease cylinder track adjuster
Master track link disassembly mechanism
Long pitch tracks with strut reinforcement
Center track guides

**OPERATOR STATION**
Die formed, modular steel full vision cab
Silicon viscous mounts
Sound insulated
Windshield wiper and washer
Lap safety belt
High capacity climate controlled air conditioning and heating system
AM/FM stereo radio with speakers
Defroster
Large capacity cup holder
Cigarette lighter
Ashtray
Coathook
Floor mat
Control lever lock
Storage compartment behind seat
Skylight with sunshade
Large exterior left and right rearview mirrors
Horn
Air suspension seat 7 way adjustable
Two lever control for boom, arm, bucket, and swing
Pilot operated semi-long controls
Travel levers with foot pedals and toe tabs removable travel levers with storage area
Manual engine shut off

**INSTRUMENTS**
Multi-display monitor includes
System status
Engine-preheat status
Low engine oil pressure warning
Engine coolant temperature warning
Engine air cleaner restriction
Battery charging system, low fuel level
CPU error indicator lamp
Hour meter
Fuel level gauge
Water temperature gauge
Travel speed switch
Swing brake release
Low engine oil pressure buzzer indicator
High engine temperature audible alarm

**OPERATING FEATURES**
Working modes
- Assist (default) with “fuzzy logic” mode change responding to operator control lever movements
- Manual
- Breaker with in cab flow adjustment

Power boost - with NO time limit
Heavy lift - with NO time limit
Swing priority system for trenching
Auto engine decel - switchable ON/OFF - with direct return to throttle setting for reduced fuel consumption.

**SERVICEABILITY**
Large clearance between radiator and oil
Advanced diagnostics - in-cab pressure / engine characteristics readout - without additional equipment
Fault code monitor and history

**MISCELLANEOUS**
Counterweight - 9,920 lbs

**WARRANTY**
New Holland Standard Warranty Applies

FREIGHT AND SHIPPING POINT
FOB Port of Entry

Does Not Include Bucket

## E130 OPTIONAL EQUIPMENT

19.7″ (500mm) triple grouser shoes with rubber pads
27.6″ (700mm) triple grouser track shoes
Independent low-flow rotation auxiliary hydraulics
Boom and Arm load (lock) valves
Quick coupler selection
Bucket selection

## E160 OPTIONAL EQUIPMENT

27.6″ (700 mm) double grouser track shoes
31.5″ (800 mm) triple grouser track shoes
Boom and Arm load (lock) valves
45′ long reach boom/arm with heavy counterweight
Single pedal travel
Combined one-way or two-way auxiliary hydraulics piping and valve (one or two pump) with hand controls
Independent low-flow rotation auxiliary hydraulics
Control pattern changer (ISO / BHL)
Hydraulic oil substitution for cold or tropical climates
Vandalism guards
Bucket selection
Quick coupler selection

## E215 OPTIONAL EQUIPMENT

27.6″ (700 mm) double grouser track shoes
35.4″ (900 mm) triple grouser track shoes
Boom and Arm load (lock) valves
50′ long reach boom/arm with heavy counterweight
Single pedal travel
Combined one-way or two-way auxiliary hydraulics piping and valve (one or two pump) with hand controls
Independent low-flow rotation auxiliary hydraulics
Control pattern changer (ISO / BHL)
Hydraulic oil substitution for cold or tropical climates
High & Wide lower undercarriage
Vandalism guards
Bucket selection
Quick coupler selection

## FULL-SIZE CRAWLER EXCAVATORS

### E130

Horsepower
94 hp (70.6 kW) @ 2,200 rpm

Operating weight
32,192 lbs (14,600 kg)

Bucket capacity
.44–.88 cu. yd. (.34–.67 $m^3$)

### E160

Horsepower
112 hp (82 kW) @ 2,200 rpm

Operating weight
36,800 lbs (16,700 kg)

Bucket capacity
.45–1.36 cu. yd. (.34–1.04 $m^3$)

### E215

Horsepower
148 hp (110 kW) @ 2,200 rpm

Operating weight
47,000 lbs (21,500 kg)

Bucket capacity
.63–1.8 cu. yd. (.48–1.4 $m^3$)

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

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

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THINK SAFETY

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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