

E27_B E30_B E35_B E55_{BX}

NEW



	E27B	E30B	E35B	E55BX
ENGINE POWER	24 hp	24 hp	24 hp	39.5 hp
OPERATING WEIGHT*	2870-3020 kg	3300-3450 kg	3700-3850 kg	4980-5100 kg

*Canopy cab with rubber tracks



BUILT AROUND YOU

AS LONG AS WE KEEP BUILDING ROADS, THERE WILL ALWAYS BE A JOURNEY TO UNDERTAKE



THE “MINI” EXCAVATORS THAT DELIVER BIG RESULTS

The new B Series Compact Excavators hold advanced technology that maximizes efficiency and enhancing the operator's daily activities.



LCD SCREEN

The new **LCD SCREEN**, available as an option, will keep the operator always updated on machine conditions and allow fast access to fuel consumption, operating hours and maintenance information.



EASY DAILY MAINTENANCE

Service compartments are **easy to access** for quick daily maintenance checks. The Eco Mode allows the operator to save 20% fuel. **Maximised efficiency and profitability.**



INTEGRATED NOISE & DUST REDUCTION SYSTEM

The new E55Bx is equipped with the Integrated Noise & Dust Reduction Cooling system.

This means:

1. -10% noise emissions
2. Less dust
3. Faster and easier maintenance

SERVICE PLUS



THE NEW HOLLAND DEALER: YOUR PROFESSIONAL PARTNER

Your success starts with world-class New Holland machinery and attachments. Your New Holland dealer will help you work smarter and faster by selecting equipment that delivers performance and operator comfort. Your dealer has the knowledge and experience necessary to help you choose the right attachments so you can...

- **Work faster and extend equipment life.**
- **Increase machine utilization.**
- **Increase your capabilities.**

Let your New Holland dealer service your machine on the jobsite. You'll be back on the job faster. Advantages include...

- **Responsive job site service to keep your equipment running.**
- **Increase machine uptime.**
- **Certified service staff and improved parts availability.**

PARTS

When you're looking for superior parts options to maximise the performance and lower the operating costs of your New Holland machinery, turn to CNH Original Parts to keep you equipped for success.

CNH Original Parts fit better, install faster and last longer and in an industry where "high impact" and "heavy lifting" are the norm, the smallest mechanical differences can lead to big problems.

CNH Original Parts from New Holland are manufactured from superior materials and specifically designed for New Holland to continually and reliably withstand the punishment of everyday construction. So steer clear of mechanical problems and future breakdowns, by choosing CNH Original Parts from New Holland. They're the only parts that are field-tested and proven to keep your New Holland equipment performing its best.

SERVICE. RELY ON NEW HOLLAND TO DELIVER FOR YOU

Your commitment to your operation is evident every day, but that doesn't minimise the enormous pressure you face to reduce operating costs and improve productivity. So when you're on the job, make sure you have top-notch service and support of New Holland behind you every step of the way. With our factory trained technicians, you can ensure that top-notch service professionals are working on your maintenance needs, so you can focus on your business and the big job challenges ahead, not on the tasks of servicing your equipment.

With your New Holland Service, you get more than mere oil changes. A New Holland Service ensures your New Holland equipment receives a thorough service that meets all requirements of its service schedules and properly maintains it for the day-in, day-out punishment of construction work.

Don't give another thought to time-consuming maintenance tasks. Simply rest easy and make certain that your service needs are taken care of by a New Holland factory trained technician.





When the unexpected occurs, you need to know your equipment is protected. At New Holland we understand the importance of your machinery being in good working order when it counts. Service Plus is designed to help keep your equipment working well beyond the manufacturer's base warranty period while taking away the concerns of the cost and inconvenience of mechanical failure.

WHAT ARE THE ADVANTAGES OF SERVICE PLUS?

PEACE OF MIND

Provides protection beyond the Manufacturer's Base Warranty Period.

FLEXIBLE OPTIONS

Plans can be customised to meet individual needs.

DEPENDABLE SERVICE

Eligible repairs completed by an authorised New Holland Dealership and their trained service technician's using genuine OEM parts & lubricants.

TRANSFERABLE PROTECTION

New Equipment Plans may be transferred to a new owner at no charge

• STANDARD PROTECTION PLAN 3 Year / 3000 Hour

Additional years/hours can be purchased. Please contact your local New Holland dealer for further information.

STANDARD SERVICE PLUS PROTECTION PLAN CONSTRUCTION EQUIPMENT MASTER PARTS SCHEDULE

This plan provides coverage for the components listed below when a failure occurs due to a defect in material or workmanship, and may provide coverage for additional components not listed when the damage is caused by or resulting from a covered failure of a listed component.

PREMIER COMPONENTS COVERED

ENGINE AND ALL INTERNAL LUBRICATED COMPONENTS WITHIN	TRANSMISSIONS/AXLES/HYDROSTATICS	ELECTRICAL	HYDRAULICS
Accessory Gears	Axle Housing	Alternator	Accumulator And Related Relief Valve
Air Intake Hose	Axle Shaft	Gauges	Brake Accumulator
Camshaft	Clutch Discs (Wet Only)	Horn	Brake Pressure Sensor
Camshaft Bearings	Clutch Plates (Wet Only)	Indicators	Brake Pump, Brake Valve
Camshaft Drive Gear	Control Rods	Instruments	Differential Lock Valve
Catalytic Converter	Counter Shaft Clutch	Electronic Joysticks	Fan Pumps And Motors
Charge Air Cooler	Differential Housing	Electric Motors	Hydraulic Cylinders
Cold Start Enrichment Systems	Differential Pinion Gear / Ring Gear	Factory Installed Telematics	Hydraulic Hoses and Piping
Connecting Rods & Bearings	Drive Axle Hub	Sensors	Hydraulic Motors
Crankshaft Bearings & Gear	Drive Shaft Support Bearing	Solenoid Valves	Hydraulic Oil Coolers
Crankshaft Including Front And Rear Crankshaft Seals	Drive Shaft with Universal Joints	Starter And Starter Solenoid	Hydraulic Pumps
Cylinder Heads/ Head Gaskets	Electronic Transmission Controller and Valve	Switches	Hydraulic Reservoir
Cylinder Liners	Enclosed Oil Immersed Chains and Sprockets	Traction Control System	Hydraulic Valves
Diesel Exhaust Fluid Tank and Dispensing System	External Oil Lines	Voltage Regulator	Internal O-Rings and Bonded Washers
Diesel Particulate Filter	Filler Tubes (Transmission)	Wiring Harnesses	Pilot Control
EGR System Manifold	Final Drive Pinion	Wiring Harnesses Exclusions	Pressure Reducing Valves
Electronic Engine Control Module	Final Drive Planetary Gears	Rubbing, Chafing, Loose Or Corroded Connections	Unloading Valves
Engine Block	Front Wheel Drive Sensors	FACTORY INSTALLED HEAT AND AIR CONDITIONING	STRUCTURAL
Engine Mounts And Supports	Hydraulic Drive / Travel Motor	Accumulator	Backhoe Booms
Engine Oil Cooler	Hydraulic Drive Pump	Clutch	Backhoe/Excavator Dipper Sticks
Engine Speed Controls, Linkages, and Cables	Hydraulic Transmission-Control Valve	Compressor	C Frame
Exhaust Manifold and Muffler	Hydrostatic Motor	Condenser	Car Body
Fan And Fan Drive	Hydrostatic Transmission Charge Pump	Dryer	Chassis
Filter Mount	Hydrostatic Transmission Pump	Evaporator	Circle Frame
Flywheel, Ring Gear	Hydrostatic/Hydraulic Pump Drives	Expansion Valve	Engine Frame
Front And Rear Engine Covers And Seals	Internal Lubricated Clutch Housings	Heater Core	Equipment Frame
Front Damper	Internal Transmission Control Linkage	Hoses	Excavator Booms
Fuel Lines	Internal Wet Service Brakes	Pulley	Falling Object Protection Structure (FOPS)
Fuel Tank	MFWD Axle/Differential Assembly including Driveshaft and U Joint	Seals & Gaskets	Forklift Masts
Fuel Transfer Pump & Gasket	Planetary Gear Carrier	Temperature Control Programmers and Valves	Inner and Outer Dipper Arms of the Extendable Boom (Backhoe Loader)
Injection Pump	Pneumatic Valves	OPERATOR AREA	Main Frame
Injectors	Rotary Hydraulic Manifold	Covers and Panels	Rollover Protection Structure (ROPS)
Intake and Exhaust Manifold And Gaskets	Splitter Drive/Drop Box	Exterior/Interior Door/Panel Latches, Hinges & Struts	Swing Frame
Oil Filler Tube	Steering Clutches (Wet)	Exterior/Interior Moldings	Swing Tower Castings (Backhoe Loader)
Oil Lines	Swing Motor And Swing Gear Box	Knobs for Switches and Handles	Track Frame
Oil Pan And Gasket	Torque Converter	Mirrors	Wheel Loader/Skid steer Loader Arms
Oil Pump	Torque Converter Pump	Seat Frame & Suspension	
Pistons & Rings	Transfer Drive		
Pre-Cleaner/Air Cleaner Housing	Transmission Case		
Pressure/Temperature Sensors & Sending Units	Transmission Gears, Bearings, & Shafts		
Pulleys	Transmission Pump		
Radiator	Travel & Swing Sections (only) Of Main Control Valve		
Rocker Arm Assembly	Travel Control Valve		
Selective Catalytic Reduction System	Turntable Bearing		
Thermostats	Undercarriage Roller And Idler Seals And Bearings		
Timing Gears	Undercarriage Tensioners		
Turbocharger And Gasket	UNDERCARRIAGE EXCLUSIONS:		
Valve Cover And Gasket	Sprocket, Tracks, Pads, Bolts, Chains, Or Any Failure Due To Wear, Or Breakage Caused By Wear		
Water Piping			
Water Pumps			

This plan excludes coverage for any failure to any component caused by or resulting from the failure of a component not listed as a covered component, including any resulting damage to a listed component. See the Terms and Conditions document for complete plan details.

E27B

SPECIFICATIONS



ENGINE

Engine Model Yanmar 3TNV82A-B
 Engine Type Diesel, water cooled, 3 cylinders, direct injection
 Net power 18.1 kW / 24 hp @ 2400 rpm
 Electrical system voltage 12V



HYDRAULIC SYSTEM

Type 2 x Tandem variable displacement pump
 Maximum Capacity 2 x 7,6 gpm (2 x 28.8 L/min)



UNDERCARRIAGE

Travel speed 2.1 km/h - 3.8 km/h
 Gradeability (degrees) 30

Ground pressure (Cab) 3.8 psi (26.3 kPa)
 Ground pressure (Canopy) 3.6 psi (24.9 kPa)
 Track shoe width 11 in (300 mm)
 Drawbar pull kn 34.8



DOZER BLADE

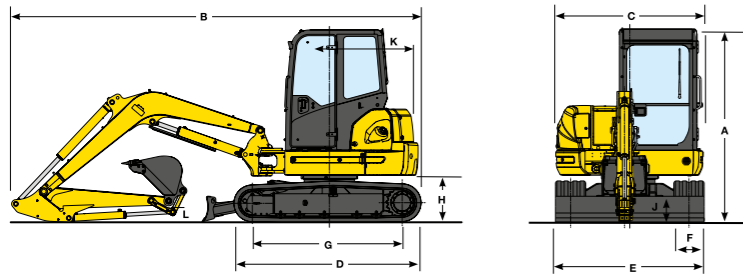
height 1 ft 1 in (345 mm)
 width 5 ft 1 in (1550 mm)



SWING

Swing speed rpm 8.4

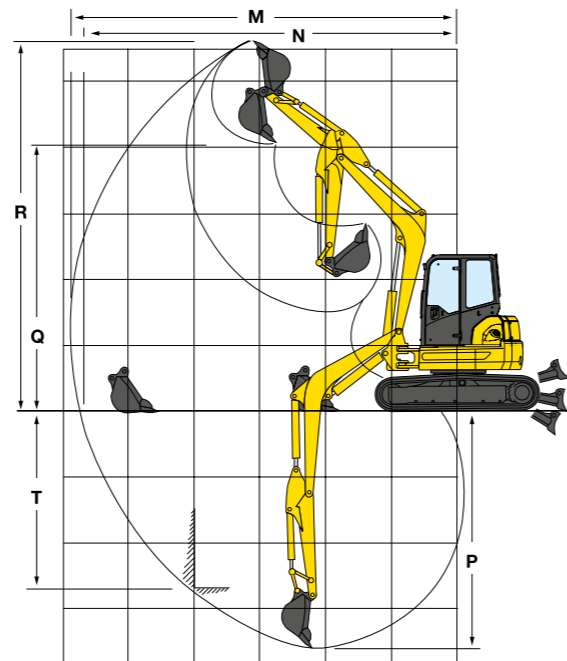
DIMENSIONS



OPERATING WEIGHT		E27B
Operating weight (Canopy)	lb (kg)	6,327 (2870)
Operating weight (Cab)	lb (kg)	6,657 (3020)

DIMENSION		E27B
A Overall height	ft (m)	8.2 (2.51)
B Overall length	ft (m)	14.9 (4.51)
C Width of upperstructure	ft (m)	5.0 (1.53)
D Track overall length	ft (m)	7.1 (2.16)
E Track overall width w/11.8 in (300 mm) shoes	ft (m)	5.1 (1.55)
G Center to center (idler to sprocket)	ft (m)	5.6 (1.70)
H Upperstructure ground clearance	ft (mm)	1.10 (570)
J Minimum ground clearance	ft (mm)	0.11 (300)
K Tail swing radius	ft (mm)	2.6 (775)

DIGGING PERFORMANCE 3 ft 10 in (1.18 m) Arm		E27B
M Maximum dig reach	ft (m)	15.10 (4.84)
N Digging reach at ground level	ft (m)	15.4 (4.68)
P Maximum dig depth	ft (m)	8.5 (2.59)
Q Dump height	ft (m)	10.1 (3.09)
R Overall reach height	ft (m)	14.8 (4.48)
T Vertical straight wall dig depth	ft (m)	7.5 (2.27)
Arm digging force ISO	lbf (kN)	3,596 (16,6)
Bucket digging force ISO	lbf (kN)	5,395 (24,7)



E30B

SPECIFICATIONS



ENGINE

Engine Model Yanmar 3TNV82A-B
 Engine Type Diesel, water cooled, 3 cylinders, direct injection
 Net power 18.1 kW / 24 hp @ 2400 rpm
 Electrical system voltage 12V



HYDRAULIC SYSTEM

Type 2 x Tandem variable displacement pump
 Maximum Capacity 2 x 10,14 gpm (2 x 38.4 L/min)



UNDERCARRIAGE

Travel speed 2.5 km/h - 4.4 km/h
 Gradeability (degrees) 30

Ground pressure (Cab) 4.4 psi (30.1 kPa)
 Ground pressure (Canopy) 4.2 psi (28.7 kPa)
 Track shoe width 11 in (300 mm)
 Drawbar pull kn 38.3



DOZER BLADE

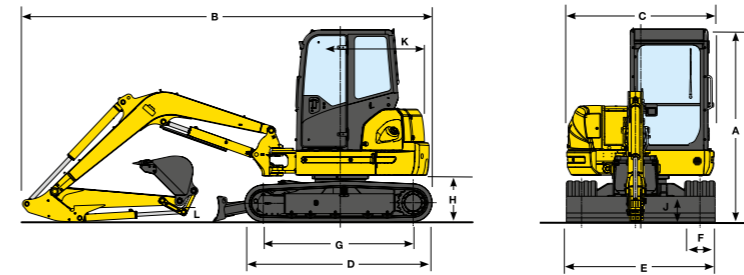
height 1 ft 1 in (345 mm)
 width 5 ft 1 in (1550 mm)



SWING

Swing speed rpm 8.4

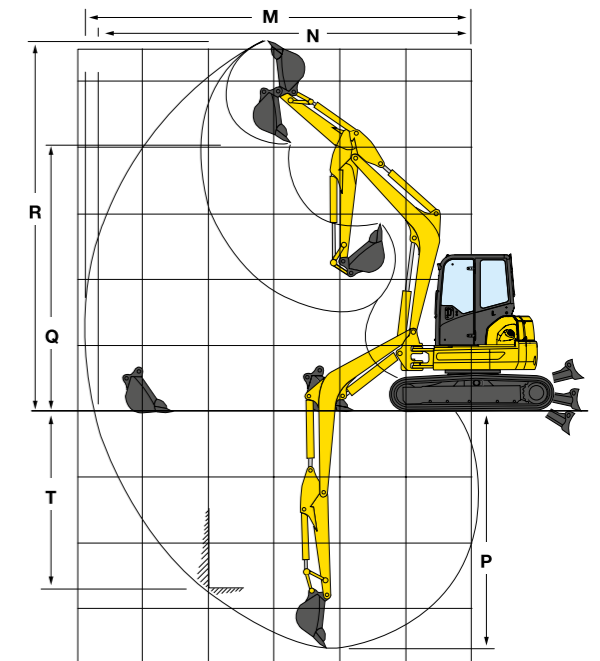
DIMENSIONS



OPERATING WEIGHT		E30B
Operating weight (Canopy)	lb (kg)	7,275 (3300)
Operating weight (Cab)	lb (kg)	7,605 (3450)

DIMENSION		E30B
A Overall height	ft (m)	8.2 (2.51)
B Overall length	ft (m)	15.6 (4.73)
C Width of upperstructure	ft (m)	5.0 (1.53)
D Track overall length	ft (m)	7.1 (2.16)
E Track overall width w/11.8 in (300 mm) shoes	ft (m)	5.1 (1.55)
G Center to center (idler to sprocket)	ft (m)	5.6 (1.70)
H Upperstructure ground clearance	ft (mm)	1.10 (570)
J Minimum ground clearance	ft (mm)	0.11 (300)
K Tail swing radius	ft (mm)	2.6 (775)

DIGGING PERFORMANCE 4 ft 3 in (1.32 m) Arm		E30B
M Maximum dig reach	ft (m)	17 (5.2)
N Digging reach at ground level	ft (m)	16.6 (5.04)
P Maximum dig depth	ft (m)	9.3 (2.82)
Q Dump height	ft (m)	11.2 (3.42)
R Overall reach height	ft (m)	15.8 (4.8)
T Vertical straight wall dig depth	ft (m)	7.8 (2.36)
Arm digging force ISO	lbf (kN)	4,294 (19,1)
Bucket digging force ISO	lbf (kN)	6,227 (27,7)



E35B

SPECIFICATIONS



ENGINE

Engine Model Yanmar 3TNV82A-B
 Engine Type Diesel, water cooled, 3 cylinders, direct injection
 Net power 18.1 kW / 24 hp @ 2400 rpm
 Electrical system voltage 12V



HYDRAULIC SYSTEM

Type 2 x Tandem variable displacement pump
 Maximum Capacity 2 x 10,14 gpm (2 x 38.4 L/min)



UNDERCARRIAGE

Travel speed 2.5 km/h - 4.4 km/h
 Gradeability (degrees) 30

Ground pressure (Cab) 4.8 psi (33.5 kPa)
 Ground pressure (Canopy) 4.7 psi (32.2 kPa)
 Track shoe width 11 in (300 mm)
 Drawbar pull kn 38.3



DOZER BLADE

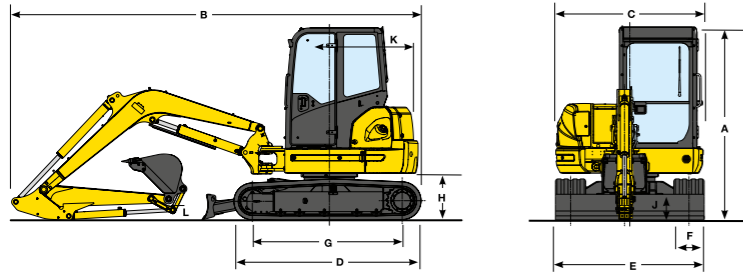
height 1 ft 1 in (345 mm)
 width 5 ft 6 in (1700 mm)



SWING

Swing speed rpm 8.4

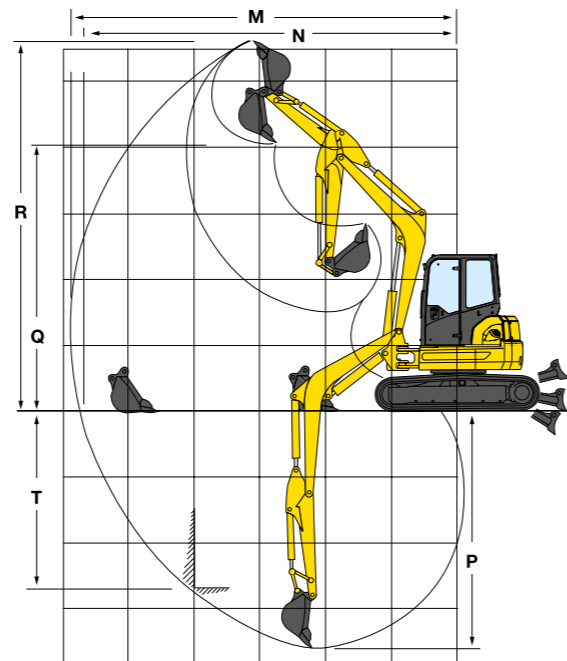
DIMENSIONS



OPERATING WEIGHT		E35B
Operating weight (Canopy)	lb (kg)	8,157 (3700)
Operating weight (Cab)	lb (kg)	8,488 (3850)

DIMENSION		E35B
A Overall height	ft (m)	8.2 (2.51)
B Overall length	ft (m)	15.9 (4.82)
C Width of upperstructure	ft (m)	5.0 (1.53)
D Track overall length	ft (m)	7.1 (2.16)
E Track overall width w/11.8 in (300 mm) shoes	ft (m)	5.6 (1.7)
G Center to center (idler to sprocket)	ft (m)	5.6 (1.70)
H Upperstructure ground clearance	ft (mm)	1.10 (570)
J Minimum ground clearance	ft (mm)	0.11 (300)
K Tail swing radius	ft (mm)	2.9 (850)

DIGGING PERFORMANCE 4 ft 5 in (1.37 m) Arm		E35B
M Maximum dig reach	ft (m)	17.6 (5.35)
N Digging reach at ground level	ft (m)	17 (5.2)
P Maximum dig depth	ft (m)	10 (3.05)
Q Dump height	ft (m)	11.5 (3.49)
R Overall reach height	ft (m)	15.11 (4.87)
T Vertical straight wall dig depth	ft (m)	8.1 (2.47)
Arm digging force ISO	lbf (kN)	5,035 (22.4)
Bucket digging force ISO	lbf (kN)	6,250 (27.8)



E55Bx

SPECIFICATIONS



ENGINE

Make and model YANMAR 4TNV88 - B
 Power output @ RPM kW (HP) 29.6 (39.5) @ 2400 (net ISO 14396)
 Type water-cooled 4 cycle, 4 cylinder, direct injection, diesel
 Displacement L 2.189
 Fuel tank capacity L 75
 Electrical system voltage 12



HYDRAULIC SYSTEM

Pump number & type 2 x variable displacement pumps,
 1 x gear pump
 Pump outputs L/min 2 x 57.1, 1 x 33.8
 Total max output L/min 148
 Auxiliary hydraulic output max L/min 91
 Main relief pressure bar (PSI) 230 (3336)
 Hydraulic system capacity L 58



UNDERCARRIAGE

Travel speeds km/h 2.7 low range and 4.6 high range
 Drawbar pull kN 55.2
 Crawler shoe width mm 400
 Ground pressure 29.5/28.8
 Cab/canopy kPa 29.5/28.8
 Gradeability degrees 30



DOZER BLADE

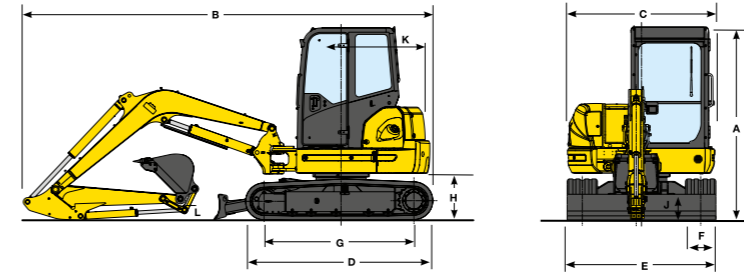
Width x height mm 1960 x 345
 Blade movement up/down mm 495 / 375



SWING

Swing speed rpm 8.9

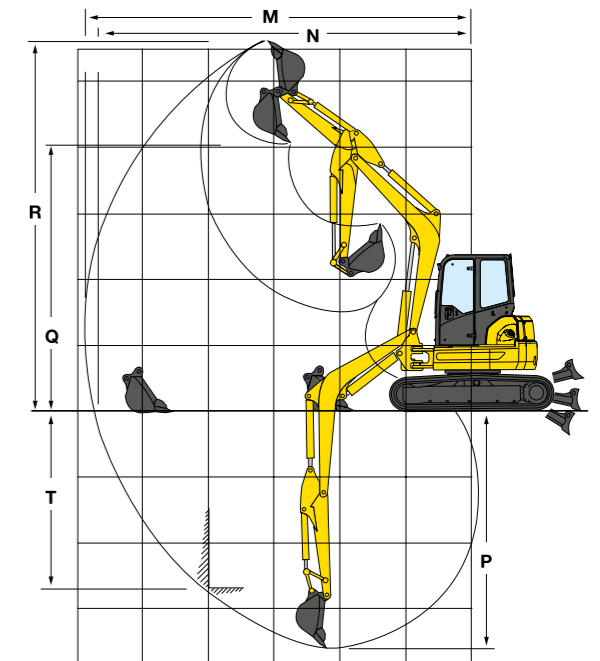
DIMENSIONS



OPERATING WEIGHT		E55Bx
Operating weight (Canopy - Rubber shoes)	lb (kg)	10,979 (4980)
Operating weight (Cab - Rubber shoes)	lb (kg)	11,243 (5100)

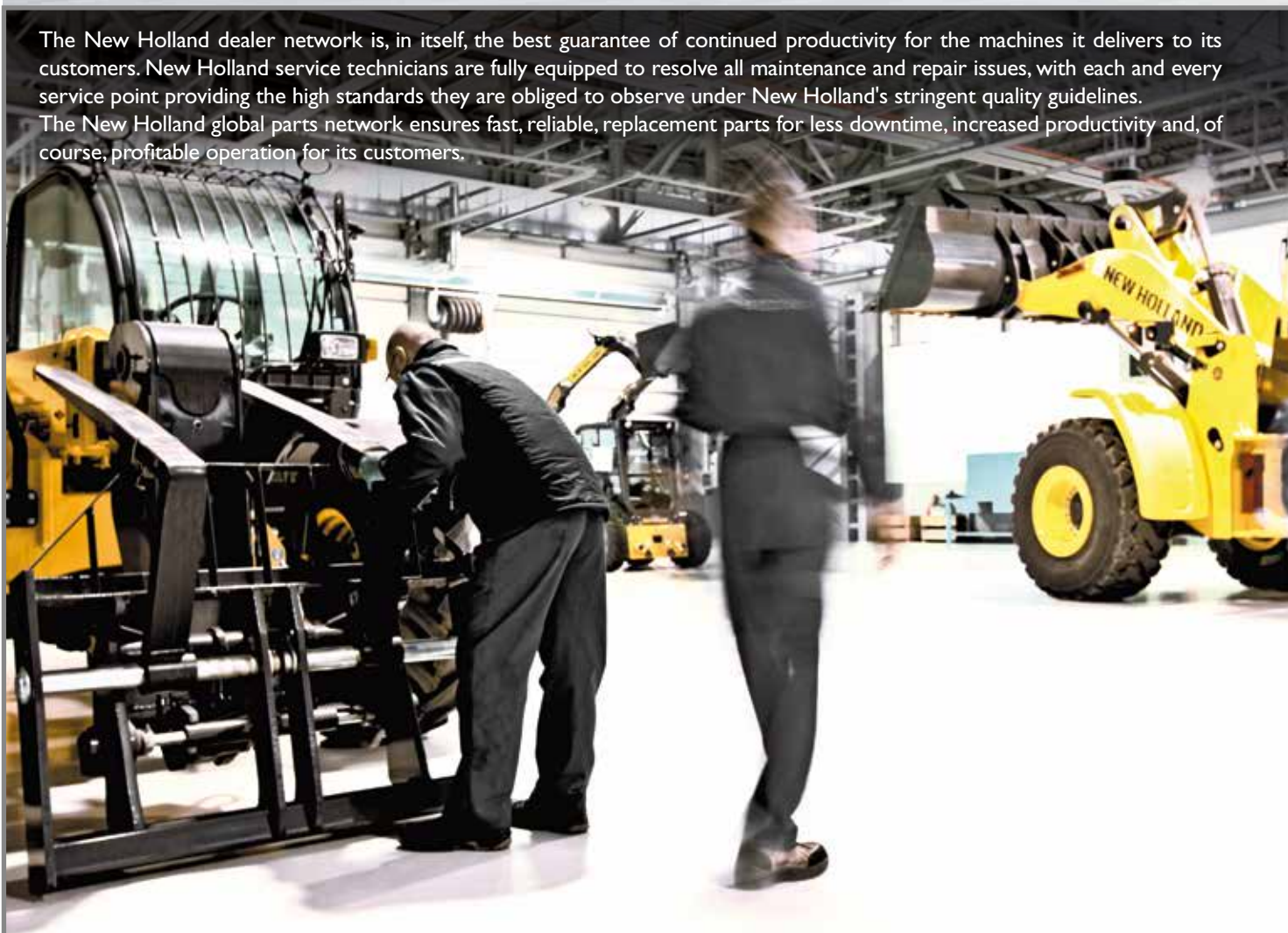
DIMENSION		E55Bx
A Overall height	ft (m)	8.4 (2.53)
B Overall length	ft (m)	17.10 (5.50)
C Width of upperstructure	ft (m)	6.4 (1.94)
D Track overall length	ft (m)	8.1 (2.50)
E Track overall width w/11.8 in (300 mm) shoes	ft (m)	6.5 (1.96)
G Center to center (idler to sprocket)	ft (m)	6.6 (2.00)
H Upperstructure ground clearance	ft (mm)	1.11 (605)
J Minimum ground clearance	ft (mm)	1.04 (320)
K Tail swing radius	ft (mm)	3.10 (1170)

DIGGING PERFORMANCE 5 ft 6.5 in (1.66 m) Arm		E55Bx
M Maximum dig reach	ft (m)	20.5 (6.24)
N Digging reach at ground level	ft (m)	20 (6.1)
P Maximum dig depth	ft (m)	12.9 (3.9)
Q Dump height	ft (m)	14.3 (4.35)
R Overall reach height	ft (m)	19.5 (5.93)
T Vertical straight wall dig depth	ft (m)	10.3 (3.14)
Arm digging force ISO	lbf (kN)	5,530 (24.6)
Bucket digging force ISO	lbf (kN)	7,913 (35.2)



PARTS AND SERVICE

The New Holland dealer network is, in itself, the best guarantee of continued productivity for the machines it delivers to its customers. New Holland service technicians are fully equipped to resolve all maintenance and repair issues, with each and every service point providing the high standards they are obliged to observe under New Holland's stringent quality guidelines. The New Holland global parts network ensures fast, reliable, replacement parts for less downtime, increased productivity and, of course, profitable operation for its customers.



AT YOUR OWN DEALERSHIP

The information contained in this brochure is intended to be of general nature only. The NEW HOLLAND CONSTRUCTION MACHINERY S.p.A. company may at any time and from time to time, for technical or other necessary reasons, modify any of the details or specifications of the product described in this brochure. Illustrations do not necessarily show products in standard conditions. The dimensions, weights and capacities shown herein, as well as any conversion data used, are approximate only and are subject to variations within normal manufacturing techniques.

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