



COMPACT EXCAVATORS



E10SR E18SR E27B E30B E35B E50B



www.newholland.com

Because New Holland Construction zero tail swing compact excavators are so easy to use in tight spaces and around obstacles, they handle jobs other machines can't. But these compact excavators aren't just for small jobs. They're so versatile, powerful and maneuverable that they also earn their keep on large job sites.

"No worries" with zero tail swing

- Counterweight never extends beyond the tracks
- Operators are able to fully concentrate on the task at hand
- Less chance of causing damage to machine or job site
- Helps ensure on-site safety and peace of mind
- Works where other machines can't

Compact dimensions plus boom swing

- Work in tight areas or beside walls and fences
- Compact dimensions for tight sites, power for open digging

Multiple uses

- Standard dozer blade
- Standard auxiliary hydraulics for hammer and auger
- A variety of attachments available

Roomy operators station

- Wide access for easy entry and exit
- Larger platform for more comfort
- Adjustable seat for increased comfort

	Net power		Operating weight* kg
	kW	Hp	
E10SR	6	8	1060
E18SR	11.3	15.2	1700
E27B	15.9	21.6	2570
E30B	21.2	29.0	3079 - 3490
E35B	21.2	29.0	3660 - 3919
E50B	29.3	40	4710 - 5330

*Operating weight range depending on configuration, as per SAE with 79kg operator



New Holland Compact Excavators* are built to minimise impact on air quality. The machines are equipped with state of the art diesel engines which meet and exceed stringent International Tier 4A regulations for engine emissions.



Auxiliary hydraulics is standard on all models. Run hammers using the single acting circuit or use the selector valve to give dual acting flow to run augers and nibblers.



VERSATILE & MANEUVERABLE



With zero tail swing the counterweight will never extend beyond the tracks.

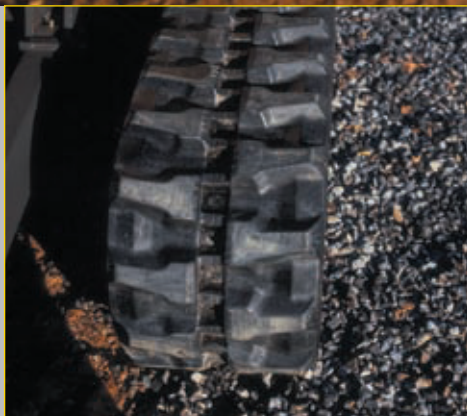


Swing the boom wide to the right or left to dig in difficult-to-reach spots, against walls, or into corners that would otherwise require hand tools.



Models E10SR and E18SR feature retractable undercarriage providing minimum width for tight access and maximum stability when digging.

MOVE MORE DIRT PER HOUR



Standard rubber tracks reduce work site noise and minimise damage to asphalt, concrete or turf. Optional steel tracks available.



Backfill and grade more efficiently than ever before thanks to the new dozer blade design. Material 'boils' in front of the blade rather than falling over the back.



Choose high or low travel speeds with the push of a button on the travel lever. When traveling in high speed, the system automatically downshifts on turns.



New Holland Construction compact excavators help you make the most of every minute on the job. Their increased horsepower, breakout force and faster cycle times let you dig, push and move more material per hour.

Powerful, reliable engines

- Increased engine power
- Water-cooled with large radiators
- Fuel-efficient and quiet
- Exceed Tier 4 emission standards (depending on model) for less environmental impact

Two travel speeds

- Straight propel system keeps machine on course
- Push-button changes between low and high travel speeds
- One-touch engine deceleration (E27B - E50B)
- Automatic downshift in high speed when turning
- Soft start travel valves reduces shockloads

Boom swing

- Precise swing stops with upper swing shockless valve
- Independent boom swing pump allows simultaneous operation of boom, arm, bucket and swing

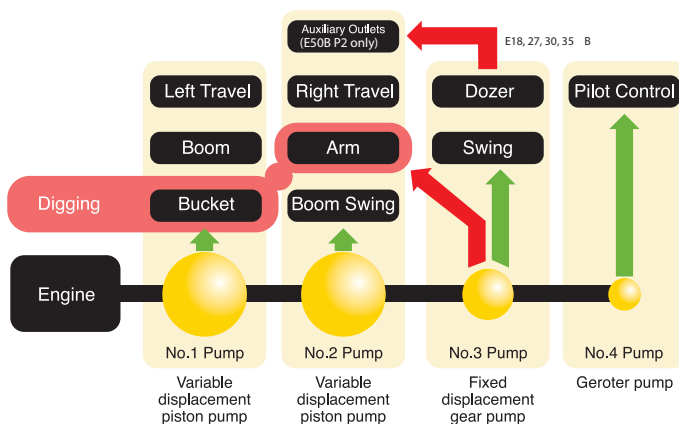
Maximum traction with rubber or steel tracks

- Rubber tracks for low noise and less surface damage
- Steel tracks provide extended track life
- Rubber bolt-on pads are also available for steel tracks

Improved dozer blade performance

- Durable construction
- Advanced design for improved "boiling action"
- Equal blade and undercarriage width
- Handy for backfilling, grading, light finish work and site cleanup
- High blade lift for climbing batters and loading ramps

Integrated Flow Pump System (E18SR - E50B)



The New Holland Integrated Flow Pump System uses variable displacement piston pumps and a fixed displacement gear pump to deliver maximum performance and control.

Separating the oil flows allows for easy simultaneous operation of boom, arm, bucket and turret swing. The 2nd pump and 3rd pump flows combine to boost arm speed and power. Flow to the auxiliary outlets for hammer or auger comes from the 2nd variable pump on model E50B and from pumps 2 and 3 for models E18SR – 35B. The dozer blade is powered by the 3rd pump, so oil flow to the tracks is maintained when adjusting blade position.

The model E10SR has two high efficiency variable displacement piston pumps to provide the main oil flows and a gear pump to provide pilot pressure for the control system. The variable pumps adjust the hydraulic flow according to the load, allowing the maximum use of engine power for speed and power.

With outstanding visibility and controls that are smooth and easy to operate, operators remain comfortable and stay productive.

More spacious and comfortable

- 20% larger operator platform provides more legroom
- Three-post design provides wider access to platform for easy entrance and exit

Comfortable seating

- Cushioned seat adjusts to suit each operator
- Standard armrests
- Extended seat slide adjustment

Optional fully enclosed cabin

- Wider front glass for increased visibility
- Increased door width
- Factory air conditioning is standard with fully enclosed cabin

Light-touch, low-effort controls

- Responsive for delicate work
- Auxiliary hydraulic foot controls
- Easy-reach dozer blade control handle
- Pattern change valve to select from 'excavator pattern' (ISO) or 'backhoe pattern' (SAE) (E27B- E50B)

Operator Protection

3 post structure, E18SR-E50B meets –

- TOPS Standard ISO 12117 1997 for tip over protection
- TOP Guard standard ISO 10262 for falling objects

The E10SR is equipped with 2 post folding ROPS

- It meets ROPS ISO Standard 3471 1994 (Roll Over Protection Structure)

INFORMATION ON DISPLAY

Gauges

- Engine coolant temperature
- Fuel gauge
- Hour meter

Warning Lamps / Indicators

- High engine coolant temperature
- Alternator charge
- Low engine oil pressure
- Low fuel level (E27B – E50B)
- High speed travel
- Travel alarm (also has silent running switch)
- Horn



More seat adjustment

Long legs or short, you'll find a seating position that suits you perfectly. These compact excavators offer the longest seat track on the market, to make you more comfortable and productive.





OPERATOR COMFORT IS STANDARD



The wider cab provides an excellent view to the trench and surrounding work area. Keep cool and out of the dust with the factory optional enclosed cabin and air conditioning. In good weather the front windshield can be lifted out and stowed safely.



The large operator platform and wider threshold make it easy to step on and off. On models E18SR – E50B the clever 3 post design combines maximum strength and ease of access.



Hydraulic pilot controls on all models give low effort, vibration free, accurate operation. Manipulators control the low pressure servo circuit that in turn opens the main control valves giving large excavator style operation.



NEW HOLLAND

CONSTRUCTION

MAINTENANCE MADE EASY

New Holland compact excavators are built with ease of maintenance in mind. Swing-open service doors and hinged access covers provide fast, easy access to maintenance points. And, there's no need to tilt or remove the canopy or cab to access the swing motor, boom swing cylinder and control valve. It's as easy as removing the appropriate guards.

Ground level start up checks

- Easy to understand layout and cover design
- Simplified access and reduction in check times
- Hour meter can be checked from the ground, key off
- Fuel tank can be filled from the ground
- Right cover has a small window that makes hammer and auger selection easy
- Sight gauge for hydraulic oil level

Easy access to components

- Wider opening bonnet provides easy access to hydraulic valves

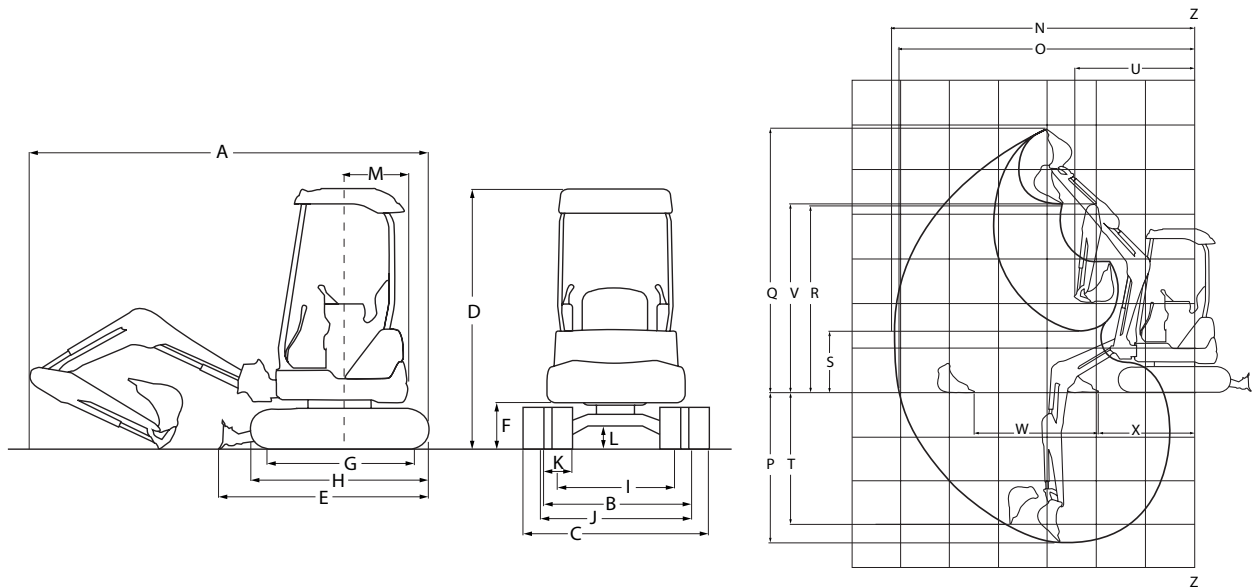
Easy cleaning

- Radiator is easy to clean
- Two piece floor mats for easy washing
- The floor plate has no projections, making it easy to wash down and wipe dry
- Resin fuel tank resists rust and is removable for easy cleaning
- Oil spill pan for engine oil filter
- No tools needed for fuel tank drain cock
- Quick drain for engine oil provided as standard
- Sealed and pressurised hydraulic tank excludes dirt and moisture



Specifications

DIMENSIONS AND WORKING



DIMENSIONS	E10SR	E18SR	E27B	E30B	E35B	E50B
ARM LENGTH mm	925	980	1120	1180	1320	1560
A. Overall length mm	2870	3420	4130	4470	4710	5230
B. Overall width (collapsed) mm	750	990	1500	1550	1700	1960
C. Overall width (expanded) mm	980	1320	-	-	-	-
D. Overall height (canopy)* mm	2190	2350	2500	2570	2570	2620
E. Base machine length mm	1540	1890	2410	2630	2680	2910
F. Ground clearance of rear end* mm	390	450	520	570	570	635
G. Center distance of tumblers mm	1010	1210	1590	1700	1700	1970
H. Overall length of crawler mm	1340	1560	1980	2150	2150	2480
I. Track gauge (collapsed) mm	570	760	1250	1250	1400	1560
J. Track gauge (expanded) mm	800	1090	-	-	-	-
K. Width of crawler shoe (rubber) mm	180	230	250	300	300	400
L. Ground clearance of undercarriage* mm		170	250	330	330	345
M. Tail Swing radius mm	750	660	750	775	850	980
Tail Swing overhang (not shown) mm	260	0	0	0	0	0
WORKING RANGES (with arm as above)						
N. Maximum digging reach mm	3300	3890	4640	4930	5240	5890
O. Maximum digging reach at ground level mm	3210	3790	4510	4780	5110	5750
P. Maximum digging depth* mm	1750	2150	2540	2810	3080	3590
Q. Maximum bucket teeth height* mm	3160	3680	4470	4770	4980	5670
R. Maximum dumping clearance* mm	2240	2650	3170	3360	3580	4090
S. Minimum dumping clearance* mm	740	1000	1250	1380	1410	1510
T. Maximum vertical wall digging depth* mm	1460	1660	2320	2160	2390	2810
U. Minimum front swing radius mm	1045/1390	1460	1830	2040	2040	2150
V. Height at minimum front swing radius mm	2320	2750	3310	3780	3780	4290
W. Horizontal digging stroke at ground level mm	1520	1700	1990	2370	2370	2760
X. Horizontal digging min at ground level mm	1060	1240	1510	1670	1670	1780
Z.	Swing centre reference point					

*Excludes height of grouser bar

E10SR Specifications

GENERAL	
Operating weights kg*	
2 post ROPS rubber track	1050
Bucket capacity range cu m	0.014 – 0.022
Arm length mm	925
ENGINE	
Model	2TNV70-WYB
Type	2 cylinder 4 stroke diesel, Tier 4
Power output @ RPM kW (HP)	6 (8) @ 2000
Displacement l	0.57
Fuel tank capacity l	10
Electrical system voltage	12
HYDRAULIC SYSTEM	
Pumps number & type	2 x variable displacement piston pumps, 1 x gear pump
Pump outputs l/min	2 x 11, 1 x 6
Total max output l/min	28
Main relief pressure bar (PSI)	206 (2990)
Hydraulic system capacity l	15 (System)
Hydraulic reservoir capacity l	9.8 (Tank)
BREAKOUT FORCES	
Arm breakout as per ISO kN	6.2
Bucket breakout as per ISO kN	10.8

*Operating weight as per SAE standard including 79kg operator and full fuel

UNDERCARRIAGE	
Travel speeds km/h	2.0 low range, 3.7 high range
Crawler shoe width mm	180
Ground pressure kPa (PSI)	27.0 (3.9)
Gradeability degrees (%)	30 (58%)
DOZER BLADE	
Width retracted/extended x height mm	750 / 980 x 200
Blade movement up/down mm	190 / 240
SWING	
Swing speed rpm	9.0

BASE AND OPTIONAL EQUIPMENT
BASE EQUIPMENT <ul style="list-style-type: none"> • 2TNV70-WYB 2 cylinder 4 stroke diesel 6kW • Glow plug starting aid • Variable displacement load sensing hydraulic pumps • Gear pump for pilot oil • 2 speed travel • Travel control by hand levers and foot pedals • Hydraulically expanding undercarriage • Hydrostatic drive system with 2 high torque axial piston motors • Hydraulic track adjuster (grease filled) with recoil spring • 12 volt electrical system with 20 amp alternator • Dry type paper element air cleaner • Low effort two lever pilot controls for boom, arm, bucket and swing. Foot pedals for boom swing and auxiliary hydraulics. Pilot operated hand control lever for blade. • ISO hydraulic control pattern • Auxiliary hydraulic service down arm with hydraulic taps, ends plugged • Selector valve to provide single direction low pressure return, or dual acting circuit • 2 post folding ROPS • Seat belt • Adjustable seat with arm rests • Turret transport swing lock • Travel alarm • Horn • Boom mounted work lamp • Side mounted instrumentation package • Hydraulic dozer blade
OPTIONAL EQUIPMENT <ul style="list-style-type: none"> • Extended Service Plan (ESP)

Now you're

E18SR Specifications



GENERAL	
Operating weights kg*	
Canopy rubber track	1700
Bucket capacity range cu m	0.025 - 0.044
Arm length mm (ft inch)	980 (3'3")
ENGINE	
model	L3EW 23lkBs
Type	Cylinder 4 stroke diesel
Power output @ RPM kW (HP)	11.3 (15.2) @ 2200
Displacement l	0.952
Fuel tank capacity l	22
Electrical system voltage	12
HYDRAULIC SYSTEM	
Pumps number & type	2 x variable displacement piston pumps, 1 x gear pump, 1 x geroter pump
Pump outputs l/min	2 x 16.3 + 11.4 + 5.9
Total max output l/min	49.9
Auxiliary hydraulic output l/min	28
Main relief pressure bar (PSI)	216 (3132)
Hydraulic system capacity l	15
Hydraulic reservoir capacity l	9
BREAKOUT FORCES	
Arm breakout as per ISO kN	10.0
Bucket breakout as per ISO kN	15.2

*Operating weight as per SAE standard including 79kg operator and full fuel

UNDERCARRIAGE	
Travel speeds km/h	Low range 2.0, high range 4.0
Crawler shoe width mm	230
Ground pressure kPa (PSI)	27 (3.9)
Gradeability degrees (%)	30 (58)
DOZER BLADE	
Width retracted/extended x height mm	990 / 1320 x 250
Blade movement up/down mm	280 / 270
SWING	
Swing speed rpm	8.6

BASE AND OPTIONAL EQUIPMENT
BASE EQUIPMENT
<ul style="list-style-type: none"> • 4 stroke diesel, Tier 4 for emissions • Glow plug starting aid • Variable displacement load sensing hydraulic pumps • Fixed displacement gear pump • Geroter for pilot supply • 2 speed travel • Travel control by hand levers and foot pedals • Hydraulically expanding undercarriage • Hydrostatic drive system with 2 high torque axial piston motors • Hydraulic track adjuster (grease filled) with recoil spring • 12 volt electrical system with 20 amp alternator • Dry type paper element air cleaner with service indicator • Low effort two lever pilot controls for boom, arm, bucket and swing. Foot pedals for boom swing and auxiliary hydraulics. Pilot operated hand control lever for blade. • Hydraulic dozer blade • Control pattern change valve - ISO and Backhoe pattern • Auxiliary hydraulic service down arm with hydraulic taps, ends plugged • Auxiliary hydraulics selector valve to provide single direction low pressure return, or dual acting circuit • TOPS canopy, 3 post easy access • Seat belt • Adjustable seat with arm rests • Turret transport swing lock • Travel alarm • Horn • Boom mounted work lamp • Canopy mounted work lamp • Side mounted instrumentation package
OPTIONAL EQUIPMENT
<ul style="list-style-type: none"> • Extended Service Plan (ESP)

E27B Specifications

GENERAL	
Operating weights kg*	
Canopy rubber track	2570
Bucket capacity range cu m	0.035 - 0.088
Arm length mm	1120
ENGINE	
Model	3TNV82A-SYB
Type	3 cylinder 4 cycle swirl chamber diesel
Power output @ RPM kW (HP)	15.9 (21.6) @ 2200
Displacement l	1.33
Fuel tank capacity l	22
Electrical system voltage	12
HYDRAULIC SYSTEM	
Pumps number & type	2 x variable displacement piston pumps, 1 x gear pump, 1 x geroter pump
Pump outputs l/min	2 x 26.4, 1 x 14.3, 1 x 11.2
Total max output l/min	78.3
Auxiliary hydraulic output max l/min	41
Main relief pressure bar (PSI)	230 (3340)
Hydraulic system capacity l	25
Hydraulic reservoir capacity l	20
BREAKOUT FORCES	
Arm breakout as per ISO kN	15.0
Bucket breakout as per ISO kN	22.0
*Operating weight as per SAE standard including 79kg operator and full fuel	
UNDERCARRIAGE	
Travel speeds km/h	2.3 low range, 4.1 high range
Drawbar pull kN as per SAE J1309	28.3
Crawler shoe width mm	250 (9.8")
Ground pressure kPa (PSI)	28 (4.1)
Gradeability degrees (%)	30 (58)
DOZER BLADE	
Width x height mm	1500 x 300
Blade movement up/down mm	445 / 335
SWING	
Swing speed rpm	8.7

BASE AND OPTIONAL EQUIPMENT
BASE EQUIPMENT <ul style="list-style-type: none"> • 4 stroke diesel, Tier 4 for emissions • Glow plug starting aid • Variable displacement load sensing hydraulic pumps • Fixed displacement gear pump • Geroter for pilot supply • 2 speed travel • Travel control by hand levers and fold away foot pedals • Hydrostatic drive system with 2 high torque axial piston motors • Hydraulic track adjuster (grease filled) with recoil spring • 12 volt electrical system with 40 amp alternator • Dry type paper element air cleaner with service indicator • Low effort two lever pilot controls for boom, arm, bucket and swing. Foot pedals for boom swing and auxiliary hydraulics. Pilot operated hand control lever for blade. • Hydraulic dozer blade • Control pattern change valve - ISO and Backhoe pattern • Auxiliary hydraulic service down arm with hydraulic taps, ends plugged • Auxiliary hydraulics selector valve to provide single direction low pressure return, or dual acting circuit • TOPS canopy, 3 post easy access • Seat belt • Adjustable seat with arm rests • Turret transport swing lock • Travel alarm • Horn • Boom mounted work lamp • Canopy mounted work lamp • Side mounted instrumentation package OPTIONAL EQUIPMENT <ul style="list-style-type: none"> • Hose burst protection valves • Extended Service Plan (ESP)

E30B Specifications



GENERAL	
Operating weights kg*	
Cab, air conditioned, rubber track	3219
Cab, air conditioned, rubber track, long arm, auxiliary counterweight	3490
Canopy rubber track	3079
Canopy rubber track long arm, auxiliary counterweight	3350
Bucket capacity range cu m	0.05 – 0.12
Arm length standard mm	1180
ENGINE	
Model	3TNV88-BPYB
Type	3 cylinder 4 cycle swirl chamber diesel
Power output @ RPM kW (HP)	21.2 (29) @ 2400
Displacement l	1.64
Fuel tank capacity l	38
Electrical system voltage	12
HYDRAULIC SYSTEM	
Pumps number & type	2 x variable displacement piston pumps, 1 x gear pump, 1 x geroter pump
Pump outputs l/min	2 x 38.4, 1 x 20.6, 1 x 12.2
Total max output l/min	109.6
Auxiliary hydraulic output max l/min	60
Main relief pressure bar (PSI)	230 (3340)
Hydraulic system capacity l	48
Hydraulic reservoir capacity l	38
BREAKOUT FORCES	
Arm breakout as per ISO kN	18.0
Bucket breakout as per ISO kN	28.0
*Operating weight as per SAE standard including 79kg operator and full fuel	
UNDERCARRIAGE	
Travel speeds km/h	2.5 low range, 4.5 high range
Drawbar pull kN	38.5
Crawler shoe width mm	300
Ground pressure, std arm kPa (PSI)	29 (4.2)
Gradeability degrees (%)	30 (58%)
DOZER BLADE	
Width x height mm	1550 x 345
Blade movement up/down mm	560 / 410
SWING	
Swing speed rpm	8.9

BASE AND OPTIONAL EQUIPMENT
BASE EQUIPMENT <ul style="list-style-type: none"> • 4 stroke diesel, Tier 4 for emissions • Glow plug starting aid • Variable displacement load sensing hydraulic pumps • Fixed displacement gear pump • Geroter for pilot supply • 2 speed travel • Travel control by hand levers and fold away foot pedals • Hydrostatic drive system with 2 high torque axial piston motors • Hydraulic track adjuster (grease filled) with recoil spring • 12 volt electrical system with 55 amp alternator • Dry type paper element air cleaner with service indicator • Low effort two lever pilot controls for boom, arm, bucket and swing. Foot pedals for boom swing and auxiliary hydraulics. Pilot operated hand control lever for blade. • Hydraulic dozer blade • Control pattern change valve - ISO and Backhoe pattern • Auxiliary hydraulic service down arm with hydraulic taps, ends plugged • Auxiliary hydraulics selector valve to provide single direction low pressure return, or dual acting circuit • TOPS canopy, 3 post easy access • Seat belt • Adjustable seat with arm rests • Turret transport swing lock • Travel alarm • Horn • Boom mounted work lamp • Canopy mounted work lamp • Side mounted instrumentation package
OPTIONAL EQUIPMENT <ul style="list-style-type: none"> • Long arm (1470mm), dig depth 3100mm • Auxiliary rear counterweight • Hose burst protection valves • Factory air conditioned cabin • Extended Service Plan (ESP)

E35B Specifications

GENERAL	
Operating weights kg*	
Cab, air cond, steel track	3919
Cab, air cond, rubber track	3800
Canopy steel track	3780
Canopy rubber track	3660
Bucket capacity range cu m	0.05 – 0.12
Arm length, standard mm	1320
ENGINE	
Model	3TNV88-SYB
Type	3 cylinder 4 cycle swirl chamber diesel
Power output @ RPM kW (HP)	21.2 (29) @ 2400
Displacement l	1.64
Fuel tank capacity l	38
Electrical system voltage	12
HYDRAULIC SYSTEM	
Pumps number & type	2 x variable displacement piston pumps, 1 x gear pump, 1 x geroter pump
Pump outputs l/min	2 x 38.4, 1 x 20.6, 1 x 12.2
Total max output l/min	109.6
Auxiliary hydraulic output max l/min	60
Main relief pressure bar (PSI)	230 (3340)
Hydraulic system capacity l	48
Hydraulic reservoir capacity l	38
BREAKOUT FORCES	
Arm breakout as per ISO kN	19.0
Bucket breakout as per ISO kN	28.0

*Operating weight as per SAE standard including 79kg operator and full fuel

UNDERCARRIAGE	
Travel speeds km/h	2.5 low range, 4.5 high range
Drawbar pull kN	38.2
Crawler shoe width mm	300
Ground pressure, canopy steel track kPa (PSI)	32 (4.6)
Ground pressure, canopy rubber track kPa (PSI)	31 (4.5)
Gradeability degrees (%)	30 (58%)
DOZER BLADE	
Width x height mm	1550 x 345
Blade movement up/down mm	540 / 440
SWING	
Swing speed rpm	8.9

BASE AND OPTIONAL EQUIPMENT
BASE EQUIPMENT <ul style="list-style-type: none"> • 4 stroke diesel, Tier 4 for emissions • Glow plug starting aid • Variable displacement load sensing hydraulic pumps • Fixed displacement gear pump • Geroter for pilot supply • 2 speed travel • Travel control by hand levers and fold away foot pedals • Hydrostatic drive system with 2 high torque axial piston motors • Hydraulic track adjuster (grease filled) with recoil spring • 12 volt electrical system with 55 amp alternator • Dry type paper element air cleaner with service indicator • Low effort two lever pilot controls for boom, arm, bucket and swing. Foot pedals for boom swing and auxiliary hydraulics. Pilot operated hand control lever for blade. • Hydraulic dozer blade • Control pattern change valve - ISO and Backhoe pattern • Auxiliary hydraulic service down arm with hydraulic taps, ends plugged • Auxiliary hydraulics selector valve to provide single direction low pressure return, or dual acting circuit • TOPS canopy, 3 post easy access • Seat belt • Adjustable seat with arm rests • Turret transport swing lock • Travel alarm • Horn • Boom mounted work lamp • Canopy mounted work lamp • Side mounted instrumentation package
OPTIONAL EQUIPMENT <ul style="list-style-type: none"> • Hose burst protection valves • Factory air conditioned cabin • Steel tracks • Extended Service Plan (ESP)

E50B Specifications



GENERAL	
Operating weights kg*	
Cab, air conditioning, steel track	4950
Cab, air conditioning, rubber track	4850
Canopy steel track	4810
Canopy rubber track	4710
Cab, air conditioning, steel track, long arm, auxiliary counterweight	5330
Bucket capacity range cu m	0.09 – 0.18
Arm length, standard mm	1560
ENGINE	
Model	4TNV88-BXYB
Type	4 cylinder 4 cycle swirl chamber diesel
Power output @ RPM kW (HP)	29.3 (40) @ 2400
Displacement l	2.19
Fuel tank capacity l	53
Electrical system voltage	12
HYDRAULIC SYSTEM	
Pumps number & type	2 x variable displacement piston pumps, 1 x gear pump, 1 x geroter pump
Pump outputs l/min	2 x 57.1, 1 x 33.8, 1 x 12.2
Total max output l/min	160.2
Auxiliary hydraulic output max l/min	59
Main relief pressure bar (PSI)	230 (3340)
Hydraulic system capacity l	63
Hydraulic reservoir capacity l	42
BREAKOUT FORCES	
Arm breakout as per ISO kN	27.0
Bucket breakout as per ISO kN	36.0
*Operating weight as per SAE standard including 79kg operator and full fuel	
UNDERCARRIAGE	
Travel speeds km/h	2.8 low range. 4.6 high range
Drawbar pull kN	54.2
Crawler shoe width mm	400
Ground Pressure	
Canopy rubber track kPa (PSI)	26 (3.8)
Cab steel track	28 (4.1)
Gradeability degrees (%)	30 (58)
DOZER BLADE	
Width x height mm	1960 x 345
Blade movement up/down mm	505 / 325
SWING	
Swing speed rpm	8.8

BASE AND OPTIONAL EQUIPMENT
BASE EQUIPMENT <ul style="list-style-type: none"> • 4 stroke diesel, Tier 4 for emissions • Glow plug starting aid • Variable displacement load sensing hydraulic pumps • Fixed displacement gear pump • Geroter for pilot supply • 2 speed travel • Travel control by hand levers and fold away foot pedals • Hydrostatic drive system with 2 high torque axial piston motors • Hydraulic track adjuster (grease filled) with recoil spring • 12 volt electrical system with 55 amp alternator • Dry type paper element air cleaner with service indicator • Low effort two lever pilot controls for boom, arm, bucket and swing. Foot pedals for boom swing and auxiliary hydraulics. Pilot operated hand control lever for blade • Control pattern change valve - ISO and Backhoe pattern • Auxiliary hydraulic service down arm with hydraulic taps, ends plugged • Auxiliary hydraulics selector valve to provide single direction low pressure return, or dual acting circuit • TOPS canopy, 3 post easy access • Seat belt • Adjustable seat with arm rests • Turret transport swing lock • Travel alarm • Horn • Boom mounted work lamp • Canopy mounted work lamp • Side mounted instrumentation package • Hydraulic dozer blade
OPTIONAL EQUIPMENT <ul style="list-style-type: none"> Long arm (1870mm), dig depth 3900mm Auxiliary counterweight Hose burst protection valves Factory air conditioned cabin Steel tracks Extended Service Plan (ESP)

Compact Excavator

E10SR

Engine power
6kW

Operating weight range
1060kg

Bucket breakout force
10.8kN

E18SR

Engine power
11.3kW

Operating weight range
1700kg

Bucket breakout force
15.2kN

E27B

Engine power
15.9kW

Operating weight range
2570kg

Bucket breakout force
22.0kN

E30B

Engine power
21.2kW

Operating weight range
3079 - 3490kg

Bucket breakout force
28.0kN

E35B

Engine power
21.2kW

Operating weight range
3660 - 3919kg

Bucket breakout force
28.0kN

E50B

Engine power
29.3kW

Operating weight range
4710 - 5330kg

Bucket breakout force
36.0kN

YOU KNOW IT MAKES SENSE

TALK TO YOUR NEW HOLLAND DEALER TODAY

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.

But providing dependable, efficient construction equipment is only the beginning. Your New Holland dealer can structure a deal to suit your requirements. Whether you are stepping up to the mark for your first machine, replacing an existing machine, or adding to your fleet,

New Holland dealers can structure a deal for you.

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

Visit your New Holland construction equipment dealer and see for yourself why New Holland is a rapidly growing force in the construction equipment industry.



“
**NOW
you're
TALKING**
”



NEW HOLLAND

CONSTRUCTION

Visit our website at www.newholland.com or call **1300 XCAVATE**
1300 922 828

Specifications shown in this brochure are in line with machines manufactured for the Australian market, at the time of printing. World wide specifications can and do vary according to local requirements. Photos may depict standard or optional equipment. Figures quoted are measured in accordance with relevant SAE or ISO standards where applicable. Models and specifications shown are subject to change by the manufacturer without prior notification and without incurring any obligation resulting from such modification.

Printed in Australia. NHC1209

New Holland, 1 Foundation Place Prospect NSW 2148 Australia