

 **NEW HOLLAND**

E16/E18

NEW HOLLAND KOBELCO



	E16	E18
NET FLYWHEEL POWER	11 kW - 15 hp	
OPERATING WEIGHT (MAX)	1 645 kg	1 720 kg
REAR END SWING RADIUS	1 050 mm	
BUCKET CAPACITY	0,028 - 0,069 m ³	

 **NEW HOLLAND**

PROVEN PERFORMANCE

E16/E18*

OUTSTANDING PERFORMANCE, HIGH PRODUCTIVITY:

- Increased digging depth
- Increased ground reach
- Higher breakout force
- Lower ground pressure
- Reduced tail swing for more compact, overall dimensions



Single acting or double acting auxiliary hydraulic service

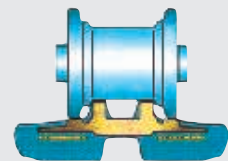
Concave profile, dozer blade:

- full width of the machine; pin-adjustable for wider track width on E18
- achieves excellent grading and back filling performance and creates a stable excavating platform

The hydraulic system ensures straight line travelling combined with upperstructure swing: steel re-enforced, half pitch, track provides a smoother ride

New, innovative design track rollers:

- wider, for increased stability
- better track retention
- longer track life



Standard auxiliary (single or double acting) hydraulic services connected to the dipper and ready to work.

Quick couplers available.

E18 fitted with an hydraulically adjustable track gauge (990 mm - 1300 mm) allows easy access through narrow openings or increases stability for heavy digging and lifting.



Easy maintenance at ground level thanks to 360° "all-all 'all round' service access:

- large-opening, rear engine hood
- fully opening side covers provide good access to radiator and battery
- opening panel below the operator's seat gives access to air cleaner and electric fuses.

External sight gauges for easy checking of hydraulic and fuel levels.

Engine complies with all the current standards:

- all the power you need with low fuel consumption
- advanced technological design minimises noise and emissions levels.

Variable displacement pumps automatically adjust operating speed and power according to varying load conditions.

The ability to adjust system flows and pressures efficiently optimises engine power to balance speed, controllability and reduces fuel consumption.



Simple track tension adjustment with grease pump.



Canopy (ROPS, TOPS) or cab (ROPS, FOPS, TOPS) available on both models. The most spacious operator's environment in the industry. The cab has a heater as standard and additional ventilation can be provided by the 'up & over' front windscreen or side-sliding window.



A user-friendly operating environment designed for long days of productive work and minimal operator fatigue: hand or foot operated travel controls, readily visible instrument panel, unrestricted visibility in all directions. Comfortable adjustable suspension seat, armrests and precise low effort, pilot operated joystick controls further enhance productivity.



Two travel speeds: 2.0/3.5 km/h Fingertip speed selector on travel lever.

E16/E18

SPECIFICATIONS



MAIN FEATURES

Net flywheel power (ISO14396)	11.0 kW/15 hp
Operating weight with rubber shoes	
canopy	1520/1595 kg
cab	1645/1720 kg
Maximum digging depth	2380 mm
Breakout force: bucket	13 kN
dipper stick (1020 mm)	9,5 kN
Transport length	3550 mm
Transport width	990 mm
Transport height	
canopy	2340 mm
cab	2350 mm



ENGINE

Make	YANMAR
Model	3TNE74-N
Type	4-stroke diesel
Number of cylinders	3
Displacement	1.01 litres
Aspiration	natural
Governed rpm	2000



ELECTRICAL SYSTEM

Voltage	12 V
Batteries	1 x 38 Ah



HYDRAULIC SYSTEM

T.F.S. Total Flow hydraulic System with two axial piston variable displacement pumps for completely fully simultaneous unit movements, including blade and slewing. The two variable delivery pumps ensure full use of all installed hydraulic power in individual and combined movements.

Piloted controls:

Total delivery	2 x 15 l/min
Maximum operating pressure	206 bar
Piloting circuit pump	gear type



SWING

Hydraulic motor	orbital
Swing speed	9.0 rpm
Swing brake	automatic
Boom slewing angle: - left	80°
- right	50°
Rear end swing radius	1050 mm

The short rear end swing radius allows operating in narrow spaces.



TRANSMISSION

Length of track on ground	1210 mm
Gauge	760/760 - 990 mm
Shoe width (Rubber/Steel)	230 mm
Ground pressure (with cab)	0.24/0,27 bar
Lower rollers	3
Travel speeds	2
Travel speed range	2.0/3.5 km/h
Maximum continuous slope	58% (30°)



BLADE

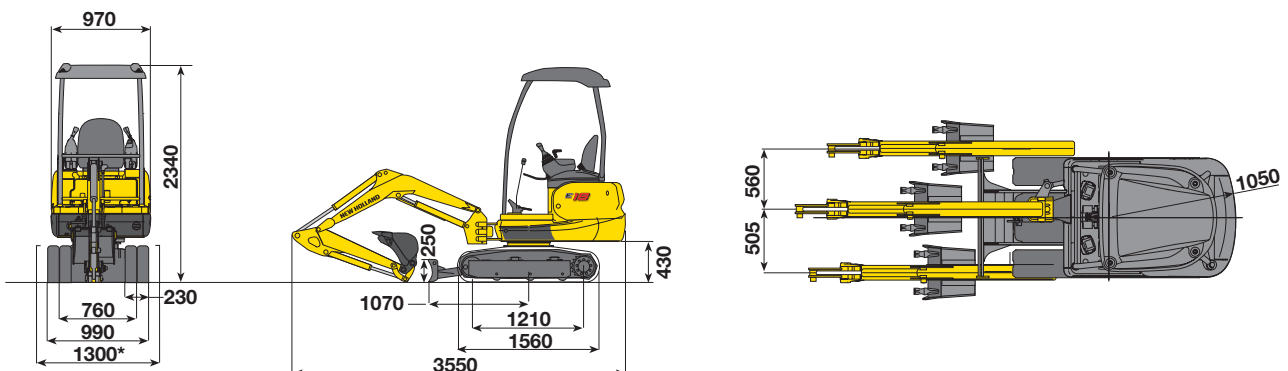
Width x Height	990 x 250 / 990 - 1300 x 250 mm
Blade lift	225 mm
Blade lower	285 mm



REFILLING

Fuel	15.0 litres
Coolant	2.5 litres
Engine oil	3.5 litres
Hydraulic system	17.0 litres

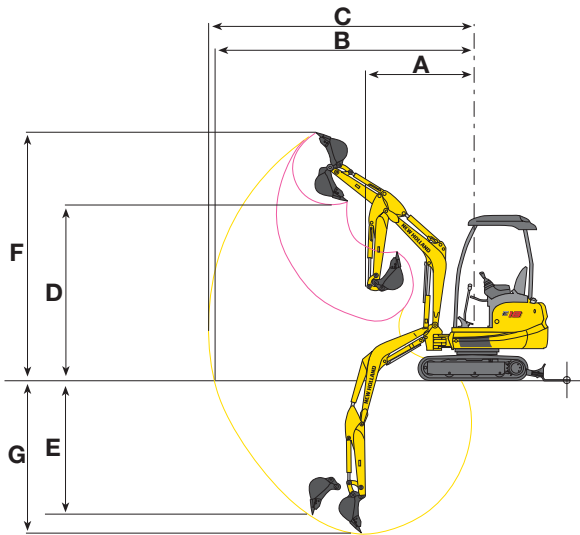
DIMENSIONS (mm)



*with extended track gauge

E16/E18

DIGGING PERFORMANCE



DIPPERSTICK	mm	1020	1220 (standard)
A	mm	1550	1580
B	mm	3680	3880
C	mm	3780	3970
D	mm	2490	2610
F	mm	1550	1830
G	mm	3530	3650
H	mm	2180	2380

BREAKOUT FORCE:			
BUCKET	kN	13,0	13,3
DIPPERSTICK	kN	9,5	8,4





PARTS & 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

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