



## ET16

### Tracked Conventional Excavator

Best in class in terms of cabin size

In addition to its comfortable cabin, the ET16 also impresses with a compact and sturdy design. With a shipping weight of less than 1.6 metric tons, it can be quickly and easily transported from one construction site to the next. It is the ideal companion for any application due to the simple and safe operation. With the load-sensing hydraulic system (LUDV), the joystick movements always remain the same for the operator so that he can work comfortably and fatigue-free.

### Highlights

- Powerful drive system with LUDV
- Hydraulic telescopic travel gear with dozer blade extension
- Large ergonomic comfort cab
- Easy transportation by car trailer
- Hydraulic joystick operation

### Technical Data

#### ■ Hydraulic

Operating pressure hydraulics	200.0 bar
Hydraulic pump	ZRP
Flow rate	33.0 l/min
Flow rate max.	35.0 l/min
Tank capacity	20.0 l

Cylinder 3.0

Cylinder capacity 1,116.0 cm<sup>3</sup>

Inclined position max. 30.0 °

Fuel HVO EN15940

Effective power 13.8 KW

Nominal Engine speed 2,200.0 1/min

Exhaust-gas limit EU Stage V

Battery capacity (nom. value) 44.0 Ah

Engine Manufacturer Yanmar

Engine Designation 3TNV76-XNSV

#### ■ Mechanical - Output Details

Travel speed	4.1 km/h
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Sound level LpA 79.0 dB(A)

#### ■ Mechanical Details

Length	3,644.0 mm
Width	990.0 mm
Height	2,285.0 mm
Operating weight (min.-max.)	1,529.0 - 1,842.0 kg
Digging depth (max.)	2,413.0 mm

Sound power LWA, guaranteed 93.0 dB(A)

#### ■ Engine

Cooling	Water-cooling
Engine type	Diesel engine

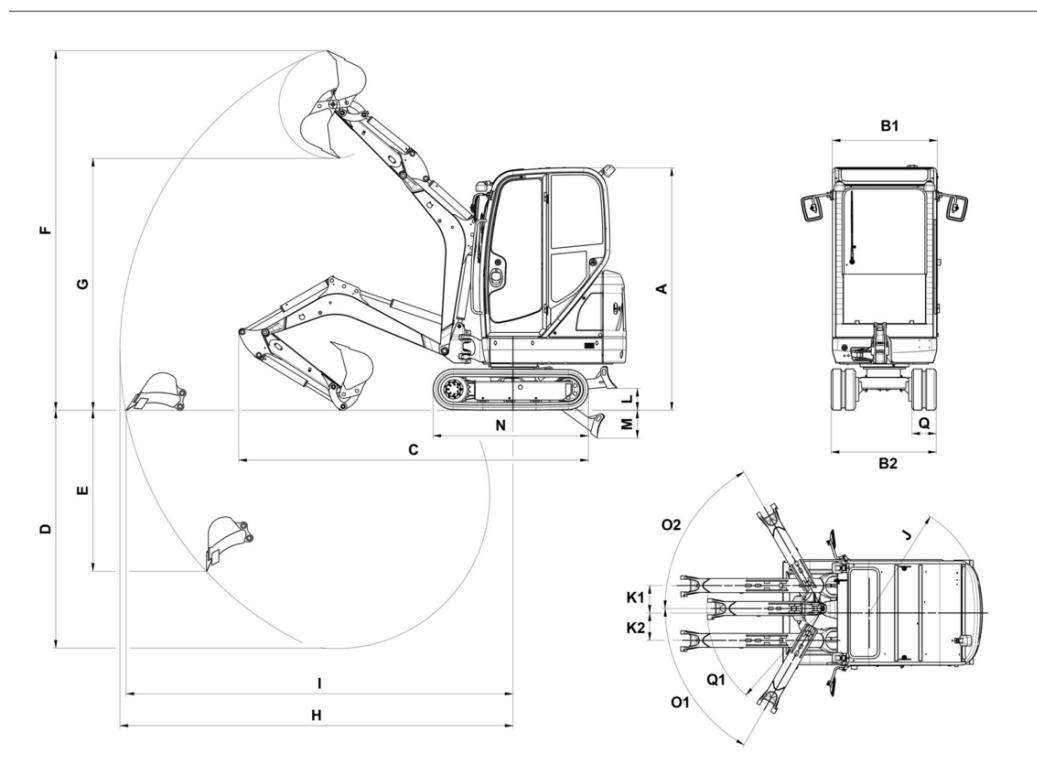
Operating pressure 200.0 bar

#### ■ Chassis

Shipping weight 1,402.0 kg

#### ■ Shipping and Storage

## Dimensions



		Standardfahrwerk	Telescopic travel gear
A	Height of canopy	2,285 mm	2,317 mm
B1	Width of upper carriage	990 mm	990 mm
B2	Width travel gear	990 mm	1,298 mm
	Width travel gear retracted	990 mm	
C	Transport length short shovel arm	3,644 mm	3,648 mm
	Transport length long shovel arm	3,607 mm	3,606 mm
D	Digging depth max., short shovel arm	2,242 mm	2,202 mm
	Digging depth max., long shovel arm	2,413 mm	2,372 mm
E	Piercing depth max., short shovel arm	1,642 mm	1,605 mm
	Piercing depth max., long shovel arm	1,802 mm	1,764 mm
F	Piercing height max., short shovel arm	3,387 mm	3,408 mm
	Piercing height max., long shovel arm	3,508 mm	3,529 mm
G	Dumping height max., short shovel arm	2,371 mm	2,396 mm
	Dumping height max., long shovel arm	2,493 mm	2,518 mm
H	Digging radius max., short shovel arm	3,700 mm	3,700 mm
	Digging radius max., long shovel arm	3,861 mm	3,860 mm
I	Max. reach at ground level (short shovel arm)	3,648 mm	3,642 mm
	Max. reach at ground level (long shovel arm)	3,811 mm	3,806 mm
J	Tail swing radius	1,075 mm	1,075 mm
K1	Boom offset max. (to center of bucket right side)	432 mm	432 mm
K2	Boom offset max. (to center of bucket left side)	287 mm	287 mm
M	Digging depth max. (dozer blade below surface)	270 mm	
N	Length travel drive	1,462 mm	1,462 mm
O1	Max. swivel angle (arm system to the left)	73 °	73 °
O2	Max. swivel angle (arm system to the right)	49 °	49 °
Q1	Boom swing radius left	1,195 °	1,195 °
	Distance bucket dozer blade, short shovel arm	452 mm	362 mm
	Distance bucket dozer blade, long shovel arm	385 mm	295 mm