

ET24

Tracked Conventional Excavator

The generalist of its class

The ET24 combines the advantages of the lighter weight classes with the power rating of the 2.5-metric ton class. Due to this, it has more lift capacity at a low weight and compact dimensions. This makes it strong and flexible in transport as well as when changing positions. The high excavating and tractive power increases the machine's productivity, saving time simultaneously. The powerful drive system, together with the intelligent cooling system, allow efficient working cycles, even at high ambient temperatures. Thanks to the generously arranged cab design, the operator has enough freedom of movement for head and legs. The ergonomic seat, individually adjustable, also makes fatigue-free working possible. A variety of options is available for the ET24. The excavator can thus be configured completely according to the customer's requirements.

Highlights

- Innovative front windshield system
- Comfortable, fully glazed cab
- Powerful drive system
- VDS Vertical Digging System
- Hydraulically pilot-controlled travel pedals

Technical Data

Hydraulic

Operating pressure hydraulics	240.0 bar
Hydraulicpump	Double variable and 2 gear pumps
Flow rate	78.0 l/min
Flow rate max.	78.0 l/min
Tank capacity	19.0 l

Mechanical - Output Details

Travel speed	4.0 km/h

Mechanical Details

Length	4,022.0 mm
Width	1,400.0 mm
Height	2,392.0 mm
Operating weight (min.-max.)	2,200.0 - 2,746.0 kg
Digging depth (max.)	2,602.0 mm

Engine

Cooling	Water-cooling
Engine type	Diesel engine
Cylinder	3.0
Cylinder capacity	1,116.0 cm^3
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

Environment Data

Sound power LWA, guaranteed	93.0 dB(A)

Chassis

Operating pressure	240.0 bar

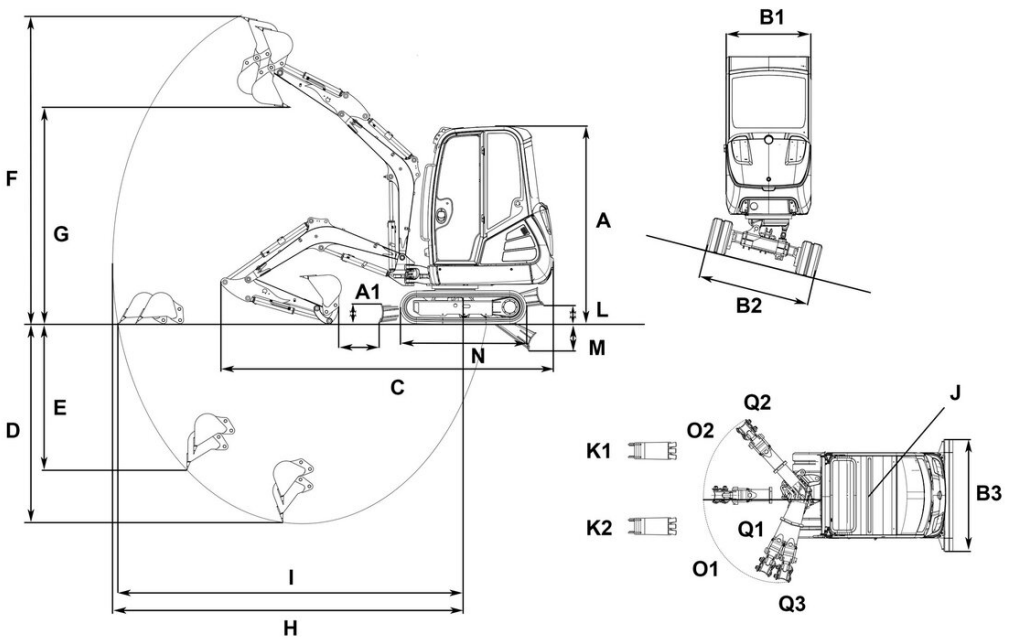
Shipping and Storage

Shipping weight	2,057.0 kg

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Dimensions



			VDS
A	Height with cab	2,392 mm	2,472 mm
A1	Height of dozer blade	300 mm	300 mm
A	Total height of cabin with rotating beacon	2,578 mm	2,657 mm
B1	Width of upper carriage	990 mm	990 mm
B2	Width travel gear	1,400 mm	1,400 mm
B3	Width of dozer blade	1,400 mm	1,400 mm
C	Transport length	4,022 mm	3,980 mm
D	Digging depth max., short shovel arm	2,402 mm	2,323 mm
	Digging depth max., long shovel arm	2,602 mm	2,523 mm
E	Piercing depth max., short shovel arm	1,562 mm	1,482 mm
	Piercing depth max., long shovel arm	1,746 mm	1,667 mm
F	Piercing height max., short shovel arm	3,949 mm	4,028 mm
	Piercing height max., long shovel arm	4,071 mm	4,151 mm
G	Dumping height max., short shovel arm	2,748 mm	2,827 mm
	Dumping height max., long shovel arm	2,870 mm	2,950 mm
H	Digging radius max., short shovel arm	4,146 mm	4,146 mm
	Digging radius max., long shovel arm	4,334 mm	4,334 mm
I	Max. reach at ground level (short shovel arm)	4,020 mm	3,995 mm
	Max. reach at ground level (long shovel arm)	4,216 mm	4,204 mm
J	Tail swing radius	1,169 mm	1,169 mm
K1	Boom offset max. (to center of bucket right side)	516 mm	516 mm
K2	Boom offset max. (to center of bucket left side)	359 mm	359 mm
L	Stacking height max. (dozer blade above surface)	294 mm	348 mm
M	Digging depth max. (dozer blade below surface)	334 mm	316 mm
N	Length travel drive	1,838 mm	1,838 mm
O1	Max. swivel angle (arm system to the left)	77 °	77 °
O2	Max. swivel angle (arm system to the right)	48 °	48 °
Q1	Boom swing radius center	1,666 mm	1,666 mm
Q2	Boom swing radius right	1,582 mm	1,582 mm
Q3	Boom swing radius left	1,356 mm	1,356 mm

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