



ET18

Tracked Conventional Excavator

Overall performance that's impressive

With the excavator ET18, Wacker Neuson sets new standards in the 1.7 to 2.4 metric ton class. The combination of time-tested and proven elements and intelligent development approaches are demonstrated in the extra performance and efficiency. Well thought-out features such as a large cabin and the two-part front windshield mechanism also increase the operator's comfort.

Highlights

- Hydraulic joystick operation
- Powerful drive system
- Hydraulic telescopic travel gear with dozer blade extension
- VDS Vertical Digging System
- Second cabin door for entry and exit on both sides

Technical Data

Hydraulic

| | |
|-------------------------------|---|
| Operating pressure hydraulics | 200.0 bar |
| Hydraulic pump | <input type="checkbox"/> Double variable and 2 gear pumps |
| Flow rate | 73.0 l/min |
| Flow rate max. | 73.0 l/min |
| Tank capacity | 19.0 l |

Mechanical - Output Details

| | |
|--------------|----------|
| Travel speed | 5.3 km/h |
|--------------|----------|

Mechanical Details

| | |
|------------------------------|----------------------|
| Length | 3,854.0 mm |
| Width | 990.0 mm |
| Height | 2,289.0 mm |
| Operating weight (min.-max.) | 1,725.0 - 2,405.0 kg |
| Digging depth (max.) | 2,402.0 mm |

Engine

| | |
|---------|--|
| Cooling | <input type="checkbox"/> Water-cooling |
|---------|--|

| | |
|-------------------------------|--|
| Engine type | <input type="checkbox"/> Diesel engine |
| Cylinder | 3.0 |
| Cylinder capacity | 1,116.0 cm ³ |
| Inclined position max. | 30.0 ° |
| Fuel | <input type="checkbox"/> HVO EN15940 |
| Effective power | 13.8 KW |
| Nominal Engine speed | 2,200.0 1/min |
| Exhaust-gas limit | <input type="checkbox"/> EU Stage V |
| Battery capacity (nom. value) | 44.0 Ah |
| Engine Manufacturer | <input type="checkbox"/> Yanmar |
| Engine Designation | <input type="checkbox"/> 3TNV76-XNSV |

Environment Data

| | |
|-----------------------------|------------|
| Sound power LWA, guaranteed | 93.0 dB(A) |
|-----------------------------|------------|

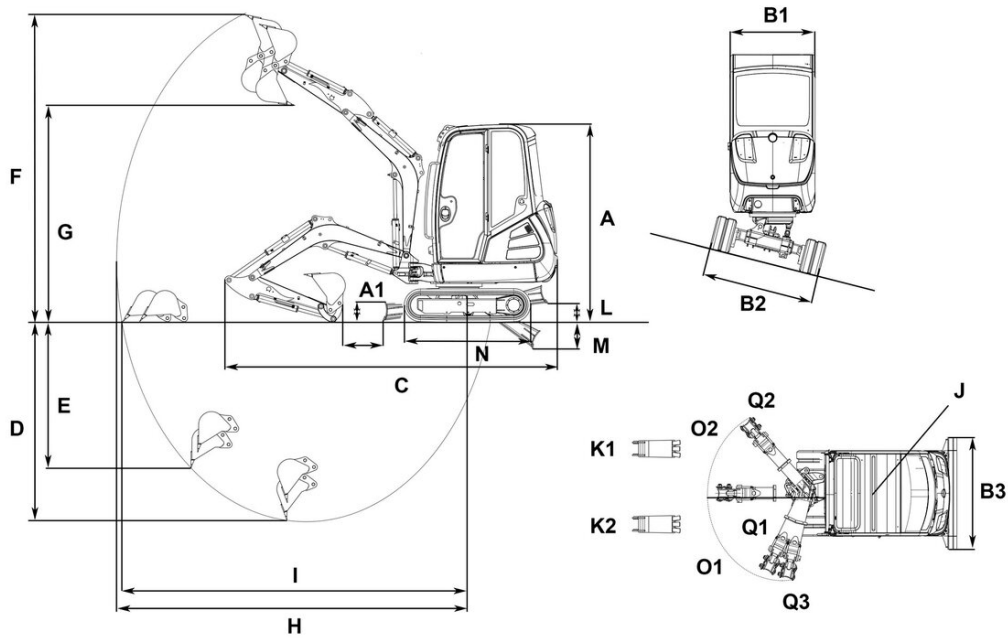
Chassis

| | |
|--------------------|-----------|
| Operating pressure | 200.0 bar |
|--------------------|-----------|

Shipping and Storage

| | |
|-----------------|------------|
| Shipping weight | 1,582.0 kg |
|-----------------|------------|

Dimensions



| | | | VDS |
|----|---|----------|----------|
| A | Height with cab | 2,285 mm | 2,392 mm |
| | Height of canopy | 2,289 mm | |
| A | Total height of cabin with rotating beacon | 2,470 mm | 2,577 mm |
| B1 | Width of upper carriage | 990 mm | 990 mm |
| B2 | Width travel gear | 1,300 mm | 1,300 mm |
| | Width travel gear retracted | 990 mm | 990 mm |
| B3 | Width of dozer blade | 990 mm | 990 mm |
| C | Transport length | 3,854 mm | 3,801 mm |
| D | Digging depth max., short shovel arm | 2,202 mm | 2,095 mm |
| | Digging depth max., long shovel arm | 2,402 mm | 2,295 mm |
| E | Piercing depth max., short shovel arm | 1,415 mm | 1,309 mm |
| | Piercing depth max., long shovel arm | 1,600 mm | 1,493 mm |
| F | Piercing height max., short shovel arm | 3,447 mm | 3,553 mm |
| | Piercing height max., long shovel arm | 3,558 mm | 3,663 mm |
| G | Dumping height max., short shovel arm | 2,510 mm | 2,611 mm |
| | Dumping height max., long shovel arm | 2,621 mm | 2,722 mm |
| H | Digging radius max., short shovel arm | 3,802 mm | 3,802 mm |
| | Digging radius max., long shovel arm | 3,989 mm | 3,989 mm |
| I | Max. reach at ground level (short shovel arm) | 3,700 mm | 3,668 mm |
| | Max. reach at ground level (long shovel arm) | 3,894 mm | 3,864 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) | | 268 mm |
| M | Digging depth max. (dozer blade below surface) | 311 mm | 251 mm |
| N | Length travel drive | 1,462 mm | 1,465 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 | 1,584 mm | 1,584 mm |
| Q2 | Boom swing radius right | 1,501 mm | 1,501 mm |
| Q3 | Boom swing radius left | 1,279 mm | 1,279 mm |