



ET145

Tracked Conventional Excavator

The champion in the compact class

The ET145 is one of the world's largest compact excavators, providing the power and performance of a larger model in a more compact package. It offers a perfect balance of power, maneuverability and stability. The ET145 features the most up-to-date innovations for comfortable and intuitive operation to tackle even bigger jobs.

Highlights

- Swivel bracket
- Comfortable, fully glazed cab
- 7-inch display and rear-view camera
- Up to 5 additional control circuits ex work
- AUX I
- AUX II

Technical Data

Hydraulic

| | |
|-------------------------------|----------------------------------|
| Operating pressure hydraulics | 320.0 bar |
| Hydraulic pump | Double variable and 2 gear pumps |
| flow rate max. | 305.0 l/min |
| tank capacity | 110.0 l |

Mechanical - Output Details

| | |
|--------------|----------|
| Travel speed | 5.1 km/h |
|--------------|----------|

Mechanical Details

| | |
|------------------------------|------------------------|
| Length | 7,788.0 mm |
| Width | 2,490.0 mm |
| Height | 2,786.0 mm |
| Operating weight (min.-max.) | 15,551.0 - 17,275.0 kg |
| Digging depth (max.) | 5,442.0 mm |

Engine

| | |
|-------------|---------------|
| Cooling | Water-cooling |
| Engine type | Diesel engine |

| | |
|-------------------------------|-------------------------|
| Cylinder | 4.0 |
| Cylinder capacity | 3,621.0 cm ³ |
| Kraftstofftyp | Diesel EN 590 |
| Effective power | 55.0 KW |
| Nominal Engine speed | 2,050.0 1/min |
| Exhaust-gas limit | EU Stage V |
| Battery capacity (nom. value) | 120.0 Ah |
| Engine Manufacturer | Perkins |
| Engine Designation | 904J-E36TA |

Environment Data

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|-----------------------------|------------|
| Sound level LpA | 75.0 dB(A) |
| Sound power LWA, guaranteed | 99.0 dB(A) |

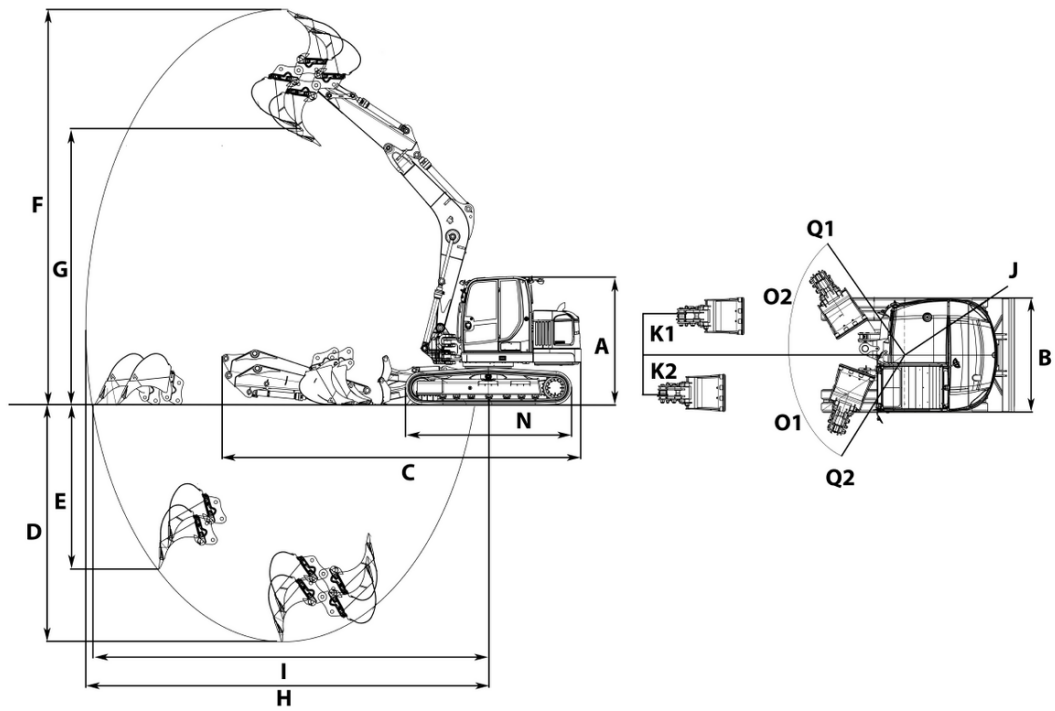
Chassis

| | |
|--------------------|-----------|
| operating pressure | 240.0 bar |
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Shipping and Storage

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|-----------------|-------------|
| Shipping weight | 14,917.0 kg |
|-----------------|-------------|

Dimensions



| | | |
|----|---|----------|
| A | Height with cab | 2,786 mm |
| B | Width of dozer blade | 2,490 mm |
| C | Transport length short shovel arm | 7,720 mm |
| | Transport length long shovel arm | 7,788 mm |
| D | Digging depth max., short shovel arm | 4,981 mm |
| | Digging depth max., long shovel arm | 5,481 mm |
| E | Piercing depth max., short shovel arm | 3,089 mm |
| | Piercing depth max., long shovel arm | 3,550 mm |
| F | Piercing height max., short shovel arm | 8,228 mm |
| | Piercing height max., long shovel arm | 8,552 mm |
| G | Dumping height max., short shovel arm | 5,620 mm |
| | Dumping height max., long shovel arm | 5,945 mm |
| H | Digging radius max., short shovel arm | 8,261 mm |
| | Digging radius max., long shovel arm | 8,727 mm |
| I | Max. reach at ground level (short shovel arm) | 8,044 mm |
| | Max. reach at ground level (long shovel arm) | 8,527 mm |
| J | Tail swing radius | 2,017 mm |
| K1 | Boom offset max. (to center of bucket right side) | 846 mm |
| K2 | Boom offset max. (to center of bucket left side) | 638 mm |
| N | Length travel drive | 3,604 mm |
| O1 | Max. swivel angle (arm system to the left) | 70 ° |
| O2 | Max. swivel angle (arm system to the right) | 57 ° |
| Q1 | Boom swing radius right | 2,643 mm |
| Q2 | Boom swing radius left | 2,322 mm |