



## EW65

### Wheeled Excavator

power and speed

With a Wacker Neuson EW65 wheeled excavator, an operator can easily jump in the cab and head to the job site. The machine's road travel mode helps reduce time- and cost-intensive transport, while the variable drive system has a low rate of fuel consumption. With just one pedal to operate, the EW65 drives almost like a car. But it's a highly capable excavator, too. The powerful load-sensing hydraulic system (LUDV) ensures the same speed for several boom movements with different loads. With proportional control auxiliary hydraulics and a triple boom, the EW65 offers smooth work with attachments and an excellent digging range.

### Highlights

- 3-point kinematics
- Intuitive operating concept
- Optimal positioning of hydraulic components
- Powerful drive system with LUDV
- Triple boom

### Technical Data

#### Hydraulic

|                               |             |
|-------------------------------|-------------|
| Operating pressure hydraulics | 240.0 bar   |
| Flow rate                     | 144.0 l/min |
| Tank capacity                 | 92.0 l      |

#### Mechanical - Output Details

|                        |               |
|------------------------|---------------|
| Nominal rotation speed | 2,500.0 1/min |
| Travel speed           | 30.0 km/h     |

#### Mechanical Details

|                              |            |
|------------------------------|------------|
| Length                       | 6,349.0 mm |
| Width                        | 2,088.0 mm |
| Height                       | 2,775.0 mm |
| Operating weight (min.-max.) | 6,755.0 kg |
| Digging depth (max.)         | 3,895.0 mm |

#### Engine

|                   |                         |
|-------------------|-------------------------|
| Cooling           | Water-cooling           |
| Engine type       | Diesel engine           |
| Cylinder          | 4.0                     |
| Cylinder capacity | 2,216.0 cm <sup>3</sup> |

|                               |                |
|-------------------------------|----------------|
| Inclined position max.        | 30.0 °         |
| Fuel                          | Diesel EN 590  |
| Tank capacity                 | 100.0 l        |
| Effective power               | 45.5 KW        |
| Nominal Engine speed          | 3,000.0 1/min  |
| Operating power               | 45.5 KW        |
| Operating Engine speed        | 3,000.0 1/min  |
| Maximum torque                | 190.0 Nm       |
| Air cleaner                   | Dry air filter |
| Battery capacity (nom. value) | 88.0 Ah        |
| Engine Manufacturer           | Perkins        |

#### Environment Data

|                 |            |
|-----------------|------------|
| Sound level LpA | 77.0 dB(A) |
|-----------------|------------|

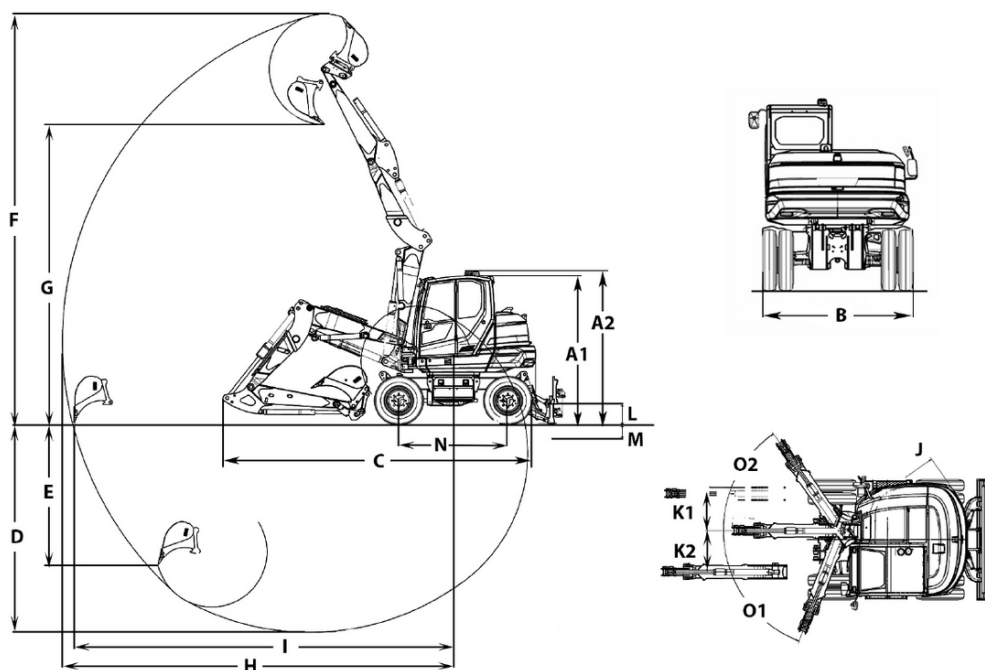
#### Chassis

|                    |             |
|--------------------|-------------|
| Operating pressure | 420.0 bar   |
| Flow rate          | 144.0 l/min |

#### Shipping and Storage

|                 |            |
|-----------------|------------|
| Shipping weight | 6,471.7 kg |
|-----------------|------------|

## Dimensions



|    |                                                   |          |
|----|---------------------------------------------------|----------|
| A1 | Height with cab                                   | 2,775 mm |
|    | Height of dozer blade                             | 429 mm   |
| A2 | Total height with rotating beacon                 | 2,952 mm |
| B  | Width of upper carriage                           | 1,931 mm |
|    | Width of cab                                      | 1,000 mm |
| B  | Width travel gear twin tires                      | 2,088 mm |
|    | Width travel gear single tires                    | 1,931 mm |
| C  | Transport length short shovel arm                 | 6,114 mm |
|    | Transport length long shovel arm                  | 6,250 mm |
| D  | Digging depth max., short shovel arm              | 3,531 mm |
|    | Digging depth max., long shovel arm               | 3,831 mm |
| E  | Piercing depth max., short shovel arm             | 2,088 mm |
|    | Piercing depth max., long shovel arm              | 2,361 mm |
| F  | Piercing height max., short shovel arm            | 6,068 mm |
| G  | Dumping height max., short shovel arm             | 4,207 mm |
|    | Dumping height max., long shovel arm              | 4,389 mm |
| H  | Digging radius max., short shovel arm             | 6,220 mm |
|    | Digging radius max., long shovel arm              | 6,504 mm |
| I  | Max. reach at ground level (short shovel arm)     | 6,024 mm |
|    | Max. reach at ground level (long shovel arm)      | 6,318 mm |
| J  | Tail swing radius                                 | 1,459 mm |
| K1 | Boom offset max. (to center of bucket right side) | 766 mm   |
| K2 | Boom offset max. (to center of bucket left side)  | 492 mm   |
| L  | Stacking height max. (dozer blade above surface)  | 395 mm   |
| M  | Digging depth max. (dozer blade below surface)    | 301 mm   |
| N  | Length travel drive                               | 2,887 mm |
| O1 | Max. swivel angle (arm system to the left)        | 67 °     |
| O2 | Max. swivel angle (arm system to the right)       | 63 °     |
|    | Track width                                       | 300 mm   |
|    | Boom swing radius center                          | 2,465 mm |
| Q2 | Boom swing radius right                           | 2,393 mm |
| Q3 | Boom swing radius left                            | 1,940 mm |
|    | Distance bucket dozer blade, short shovel arm     | 51 mm    |
|    | Distance bucket dozer blade, long shovel arm      | 0 mm     |