## WL20e Technical specifications

### Engine / Motor
- Travel drive motor - capacity 52 (60 min.): 6.5 kW
- Lifting motor - capacity 53 (15%) : 9 kW

### Battery Standard
- Battery: 48 V
- Rated capacity K5: 230 Ah
- Battery weight (± 5 %): 450 kg
- Charging time: 8 h
- Running time under long-time application with heavy materials handling, uninterrupted operation: 1.5 h
- Running time under normal activities, uninterrupted operation: 2-3.5 h
- Running time under normal activities with interruptions (30 min. driving time, 30 min. standstill): up to 4 h

### Battery Optional
- Battery: 48 V
- Rated capacity K5: 316 Ah
- Battery weight (± 5 %): 579 kg
- Charging time: 6 h
- Running time under long-time application with heavy materials handling, uninterrupted operation: 2.1 h
- Running time under normal activities, uninterrupted operation: 2.5-4.5 h
- Running time under normal activities with interruptions (30 min. driving time, 30 min. standstill): up to 5 h

### Electrical system
- Operating voltage: 12 V

### Weights
- Operating weight: 2,350 kg
- Tipping load with bucket - machine straight: 1,509 kg
- Tipping load with bucket - machine at angle: 1,251 kg
- Tipping load with pallet fork - machine straight: 1,112 kg
- Tipping load with pallet fork - machine at angle: 916 kg

### Vehicle data
- Bucket capacity Standard bucket: 0.2 m³
- Traction drive: electrically via universal joint shaft
- Axles: 380
- Drivers cab (optional): FSD (EPS, EPS Plus)
- Speed: 0 - 15 km/h
- Speed Level: 1
- Standard tires: 27 x 10.50-15 EM ET-5

### Hydraulic system
- Operating hydraulics - operating pressure: 225 bar
- Operating hydraulics - discharge capacity: 32 l/min

### Filling capacities
- Hydraulic oil tank: 18.5 l
- Hydraulic system: 27 l

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Standard bucket = digging bucket, 1,500 mm width
FSD = operator's canopy
EPS = Easy Protection System (fold-down operator's canopy)
EPS Plus = Easy Protection System Plus (hydraulically lowerable operator's canopy)
Tipping load calculation according to ISO 14397-EN474-2

*The running times of the battery are strongly dependent on the respective application conditions, the task and the driving style. This may also mean that a longer running time can be achieved. The specified running times may also be taken short of in extreme cases. An interrupted operation (e.g. 30 min. driving, 30 min. standstill) prolongs the running time of the battery.*