



Z.E.R.A
FOR AN EMISSION FREE WORLD

TECHNICAL DATA

MASSES

Max. operating mass	1755 kg
Operating mass (incl. ROPS)	1690 kg
Module mass (front/rear)	825 kg/865 kg

COMPACTION

Centrifugal force	13.60 kN
Nominal amplitude	0.4 mm
Static linear load (front/rear)	9.2/9.6 kg/cm
Vibration frequency	60 Hz
Water tank	105 l

TRACTION

Speed range (Dual/TC/AS)	0-9 km/h
Vertical oscillation	±13°

MOTOR

Electric motor drive and steering, type	Permanent magnet
Electric motor drive and steering, power	11 kW
Electric motor drive and steering, max rpm	2700 rpm
Electric vibration motor, type	Permanent magnet
Electric vibration system, power	9,4 kw
Electric vibration motor, max rpm	2550 rpm

BATTERY

Battery type	Lithium-ion
Battery voltage	48 V
Battery capacity	14,8 kWh
Charging time 20% -80%	1 phase 230 volt: 6 h
Charging time 20% -80%	3 phase 400 volt: 1,3 h

HYDRAULIC SYSTEM

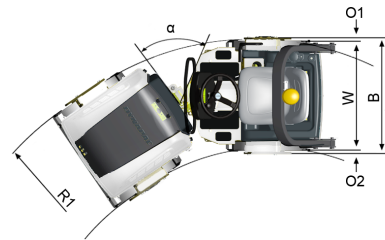
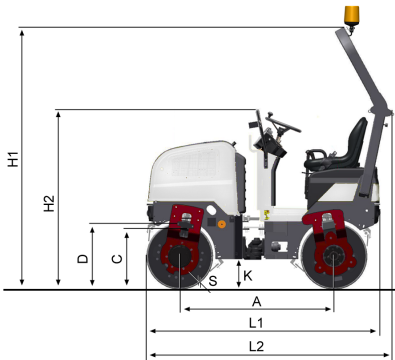
Driving	Axial piston pump with variable displacement and servo. 2 radial piston motors with constant displacement.
Vibration	Gear pump/motors with constant displacement.
Steering	Gear pump with constant displacem.
Service brake	Hydrostatic in forward and reverse lever.
Parking/ Emergency brake	Failsafe brake in both drums.

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DIMENSIONS



DIMENSIONS

A. Wheelbase	1350 mm
C. Curb clearance	465 mm
D. Drum diameter	584 mm
H1. Height, with ROPS/cab	2300 mm
K. Ground clearance	255 mm
L1. Length	2040 mm
L2. Length (ROPS)	2 095 mm
W. Drum width	900 mm
α. Steering angle	±34°

OPTIONAL EQUIPMENT

- Battery charger 400 V, three phase. Separate unit
- Battery charger 110/230 V, one phase. Separate unit

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