



**Putzmeister**

**iONTRON**

THE FUTURE. ZERO EMISSION.



# iONTRON eMixer – generation II

Driving and mixing: Efficient, emission-free and 100 % electric





# E-MOBILITY MEETS CONCRETE TRANSPORT 100% ELECTRIC POWER IN URBAN AREAS

CO<sub>2</sub> and noise emissions are a burden on the environment, especially in urban areas. That is why Putzmeister has developed solutions which are not only economical, but utilise resources efficiently and are environmentally friendly. One of these solutions is the iONTRON electric mixer. Depending on the local electricity mix, CO<sub>2</sub> emissions can be reduced to zero while minimising sound levels.



## MORE POSSIBILITIES WITHOUT NOISE AND CO<sub>2</sub>

Environmental protection is an important factor these days when it comes to tendering and awarding contracts. With the iONTRON electric mixer, you can drive to various construction sites in urban areas at any time of day. What's more, you are on the safe, efficient side – regardless of the availability and cost of fossil fuels. The result: You are ideally positioned for a successful and clean future.

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## ENVIRONMENTALLY FRIENDLY

- # Low sound level: 57.3 dB at 50 km/h
- # Perceived sound level when driving reduced by up to 10 dB
- # Reduction of CO<sub>2</sub> emissions to as little as 0 – depending on the local electricity mix

## HIGHLY EFFICIENT

- # Battery charge sufficient for one day with up to six trips
- # 350 kWh battery capacity
- # Consumption (empty/mixed): 130 to 170 kWh per 100 km
- # Charging time from SOC 20% to 100%: around 70 min
- # Rapid charging with up to 250 kW

## SAFE & COMFORTABLE

- # Safety on the road with the latest ADAS driver assistance systems
- # Stable, smooth driving behaviour thanks to pneumatic suspension
- # Spacious and user-friendly driver's cabin design
- # Driving comfort thanks to air-sprung cabin and rear axle



# iONTRON eMIXER NEXT LEVEL

With the iONTRON electric mixer from Putzmeister, you can expand your fleet with an environmentally friendly construction site machine with zero CO<sub>2</sub> emissions and considerably less noise pollution. It is very efficient in use and makes you independent from fossil fuels. We call this economic environmental awareness.



## P9G DRUM (9 m<sup>3</sup> NOMINAL)

- # Optimised drum geometry
- # Low centre of gravity
- # Low truck superstructure height
- # Optimum corrosion protection
- # Aluminium attachments

## PUTZMEISTER DRUM DESIGN

- # Available with Hardox for maximum resistance
- # Lightweight design for higher payload
- # Low maintenance costs

## ERGONIC MIXER CONTROL (EMC)

- # Fully electronic Ergonic® Mixer Control (EMC) control system
- # Fully automatic cleaning program
- # Planning security thanks to connection to the machine cockpit
- # Ergonic® Output Control (EOC)

## KEY FACTS

**Product name:**  
PUTZMEISTER iONTRON eMIXER

**Product type:**  
P9G iONTRON

**Truck model:**  
SANY e435 8X4

**Battery capacity:**  
350 kWh

**Range:**  
APPROX. 8 HOURS OF OPERATION  
IN URBAN AREAS

**Overnight charging at mixing plants:**  
WITH UP TO 250 KW WITH THE  
CCS COMBO 2 CHARGING GUN

**Drum size:**  
9 m<sup>3</sup>

**Gross weight:**  
32 – 38 t

**Payload:**  
COMPARABLE TO  
CONVENTIONAL TRUCK MIXER

**Comfort:**  
REAR AXLE OPTIONALLY  
WITH PNEUMATIC SUSPENSION,  
AIR-SPRUNG CABIN

## HYDRAULIC MIXER DRIVE

- # Maximum power
- # Quiet operation
- # Improved efficiency

## ELECTRIC MOTOR WITH 405 kW PEAK

- # Unrivalled torque
- # Silent driving

## BATTERY WITH 350 kWh

- # 350 kWh battery power for a full working day in the city
- # Outstanding battery performance thanks to partnership with CATL, a globally leading company for battery technology

## 8x4 AXLE CONFIGURATION

- # Excellent traction
- # Permitted gross weight of up to 38 t
- # Minimum energy consumption in day-to-day work

## REAR AXLE WITH PNEUMATIC SUSPENSION

- # Increased driving comfort
- # More stability
- # Smooth driving behaviour



Putzmeister iONTRON eMixer –  
innovations for your all-electric concrete transport

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## SAFETY WITH DRIVER ASSISTANCE SYSTEMS

- # Emergency stop signal (ESS)
- # Tyre pressure monitoring system (TPMS)
- # Blind spot information system (BSIS)
- # Reversing information system (REIS)
- # Moving off information system (MOIS)
- # Alcohol interlock interface (ALC)
- # Driver drowsiness and attention warning system (DDAW)
- # Intelligent speed adaptation (ISA)



## EUROPE-WIDE SERVICE NETWORK

### More availability thanks to a Europe-wide service network

As a customer, you benefit from our well-established service network throughout Europe, based on the partnership between Alltrucks Truck & Trailer, Bosch and SANY Trucks.

### Maximum availability thanks to:

- # **Services:** Diagnosis, service, maintenance and repair, 24-hour roadside assistance
- # **Network:** Around 700 workshops across Europe
- # **Service contracts:** Worry-free with the “Basic” or “CarePlus” service packages
- # **Warranty promise:** Reliability thanks to a six-year or eight-year battery warranty for reliable use.

## FULL POWER THANKS TO CHARGING CONCEPT

Charging, but the right way –  
well advised by Putzmeister

- # Requirement for optimised charging
- # Transparent cost breakdown
- # Future-proof charging solution
- # Optimal location for charging stations
- # Next steps for implementation

## PUTZMEISTER eSERVICE



You can expect the proven Putzmeister service quality from our eService team as well, whether for training, commissioning, inspection, maintenance, repairs or emergency assistance – Putzmeister continues to be the perfect partner.



Regardless of the country, whether you need a portable or stationary charger – our partners will be happy to support you with the planning, installation and maintenance of the charging infrastructure.



Together with CATL, the market leader for batteries, we offer optimum service and a reliable supply of spare parts – ensuring you can operate at all times.



We would be happy to demonstrate how our electric products can represent a profitable investment in the future. We can support you with tailored advice and financing options. We can even support you in completing grant applications.



# Putzmeister iONTRON eMixer – generation II

## 100% ELECTRIC DRIVING AND MIXING – FOR AN EMISSION-FREE FUTURE



### # 100% ELECTRIC WITH AS LITTLE AS ZERO EMISSIONS

Become a pioneer in environmentally friendly concrete transport. Depending on the local electricity mix, CO<sub>2</sub> emissions are reduced to as little as zero.

### # SIGNIFICANTLY REDUCED SOUND LEVEL

Reduce the noise level of your machines. The iONTRON electric mixer protects residents and workers.

### # PROFITABLE INVESTMENT IN THE FUTURE

Be on the safe, efficient side – regardless of the availability and cost of fossil fuels.

### # WORK DURING THE DAY, CHARGE OVERNIGHT

One battery charge can last for an entire day with five to six trips in urban areas. Simply charge the electric mixer in between trips with the CCS Combo 2 connector if you need to use it more often.

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