

Truck mixer – iONTRON eMixer



100 % electric driving



100 % electric mixing

Ready for the future with
Putzmeister iONTRON



Note: Illustration is exemplary. The illustration may differ from the order (Equipment, paintwork and stickers).

Technical data

100 % electric	
Driving	Electric truck 8x4 SANY 408P
Mixing	Electric superstructure P 9 G iONTRON
100 % eco-friendly	
CO ₂ emission	up to zero*
Noise emission	significantly reduced
Fuel consumption	zero liter diesel
Consumption eChassis in driving mode (empty)	120 kWh/100 km

* depending on local electricity mix

100 % practicable	
Working range ²	350 kWh – approx. 8 h of operation in urban areas
Fill level and payload	9 m ³ nominal filling, comparable to conventional mixers
Charging	Standard CCS Combo2 (up to 250 kW)
Permissible gross weight ¹	32 t

¹ national exemptions possible (up to 34 t)

² depending on external factors like payload, driving profile, weather, etc.)

Configuration	
Type	Putzmeister iONTRON eMixer
Superstructure	Putzmeister P 9 G iONTRON
Superstructure drive	ZF mixer gearbox CML 12
Vehicle type	SANY 408 P 8x4
Dimensions	
Overall	9875×2530×3890 mm
Wheelbase	1700+3150+1350 mm
Gross weight ¹	32.000 kg
Curb weight	14,800 kg
Drum nominal filling	9 m ³

¹ national exemptions possible (up to 34 t)

Drive	
e-motor	Permanent Magnet Synchronous Motor (PMSM)
Rated voltage	600 V
Rated Power / Speed / Torque	250 kW (340 PS) / 1800 U/min / 1330 Nm
Peak Power / Speed / Torque	360 kW (489 PS) / 3000 U/min / 2400 Nm
Battery	
Brand	CATL
Type	LFP (lithium ferrophosphate)
Power storage	604 Ah, 350 kWh
Charging	CCS Combo2 (250 kW Off-Board)

Scope of delivery series and options

Chassis

6-speed automatic transmission system 6E240
Assistance systems: Advanced Emergency Braking System (AEBS), Cruise Control, Anti-lock Braking System (ABS), Electronic Stability Control (ESC), Blind Spot Information
Axle configuration 8x4
Battery LFP 350 kW
Cab CB318
Charging plug CCS Combo 2 (250 kW off-board)
e-Motor (PMSM) with 600 V and peak power of 360 kW (489 PS) / 3000 rpm / 2400 Nm (rated power 250 kW (340 PS) / 1800 rpm / 1330 Nm)
Suspension: leaf spring front, rubber suspension rear
Tyres 315/80 R 22.5

Mixer

Chute adjustment hydraulic with hand pump
Delivery chute 1.45 m
Double drip ring on mixer drum
Drum support rollers, two
Inlet hopper, rigid
Ladder with guard plate, slidable, aluminum
Last spiral gear raised
Second manhole opening, w.add. lock, Ø 580 mm
Mixer drum P 9 G, incl. Hardox
Paintwork Putzmeister Standard
Pendulum flap (flap with retainer) for swivel chute
Rubber collar on mixer filling hopper
Wear plates for filling and discharge hopper and slewable chute
ZF mixer gearbox CML 12

Control

EMC control (Ergonic Mixer Control) incl. radio remote

Assistance systems & sensors

Connect Box for Machine Cockpit application
Power consumption of the drum drive for consistency determination (available from Q1 2023)
Flow meter additive, digital, (in conjunction with Machine Cockpit)
Inclination sensor for drum speed control on inclines
T-Box Teleservice MachineCockpit EU version
Temperature and humidity measurement (available from Q1 2023)
Water meter, digital and analog

Cleaning

Cleaning hose 8 m + 2 m incl. bracket and nozzle
Faucet below the water tank
Filling line on both sides incl. premium ball valves
Mixer drum adjustment, mechanical
Pressure tank 500 l, aluminium
Water system front and rear (cross pipe at the support frame)

Safety

Rear underride guard MUK5 with step, foldable
Rear view camera
Working lights 4 x LED (under discharge hopper left and right, track lighting left and right)

Accessories

Additive container in Al 60 l for pneumatic emptying
Extension chutes (2 x steel, 1 x plastic with steel frame)
Operating instruction and spare parts manual (1x paper, 1x CD-ROM)
Splash guard cover between mixer subframe, aluminium
Splash guard cover between mudguard and frame / mudguard widening (both sides)
Storage box (flap) in the outlet support frame

Optional equipment

EMC control additional with keypad in the rear
Folding part with gravity lock
Folding section 600 with wear plate und gravity lock
Mixer filling hopper, electric, foldable
Paintwork:
- 1-coloured according to customer specifications
- 3-coloured according to customer specifications
- individual

iONTRON

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