

Mixing-Unit MS 200-E



Technical Data

Drive	Electric
Drive Power	5,5 kW
Connections	
Electrical	CEE 16 A / 400 V AC, 50 Hz, IP 54 with phase correction
Water inlet	G 1 BSPP IG DN 25 - GEKA
Outlet	
Suspension	G 2 BSPP IG DN 50 - SK 50 VT
Dimensions (L x W x H)	1.000 x 1.000 x 1.600 (mm)
Weight	approx. 300 kg
Application	Mixing of cement-, micro-cement, fly ash and bentonite suspensions at anchoring, injections, backfillings, groutings, flushings, sealings
Performance Mixer	Hand feed up to 3,5 m ³ /h Feed per dosing screw-conveyor up to 4,5 m ³ /h
Volume Mixing Tank	volume 250 l [66 gal U.S.] / effective volume 200 l [53 gal U.S.]

(Status April 2016 / Technical changes reserved)

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Standard Features

Framework

skid steel frame, fork lift guides longitudinal, central towing device, finishing 2K-paint RAL 5005 (signal blue) or on customer desire

Electric Drive

electric motor mixer with toothed belt drive 5,5 kW, 1.500 rpm, 400 V AC, 50 Hz, IP 54, motor safety switch, CEE 16 A plug with phase changing switch

Water Metering

water inlet G 1 BSPP IG DN 25 - GEKA with ball valve

Mixing Tank Colloid-Mixer

round tank with conical floor, volume 250 l [66 gal U.S.], effective volume 200 l [53 gal U.S.], mixer drive electric motor with toothed belt drive 5,5 kW, foldable and lockable tank covers, hopper with bag ripper, circulation and pump down valves DN 50 manually actuated

Tools in Mixing Tank

2 fast turning mixing tools on one common drive shaft with pump down function, 1 mixing blade Ø 250 mm, 1 pumping wheel Ø 185 mm, drive shaft bearing above mixer fluid level (No stuffing box, so dry running possible w/o any problems!)

Operating Devices

ON/OFF switch for mixer motor

Accessories (included)

operating manual and spare part list, special tools for operation and maintenance, hose 3 m DN 19 with cleaning nozzle

Accessories (optional)

spare part kits, grouting hoses, suction hoses, fittings, grouting grippers, cover for screw-conveyor inlet with inspection flap, dosing pre-select counter for water inlet

Supplementary Devices

injection pumps, pump units and storing tanks for solid suspensions, dosing devices, screw-conveyors, control devices, electronic data acquisition and recording, regulating and measuring systems RMS with computer evaluation per USB and injection journal, flow meter with delivery pressure measuring, electronic delivery pressure devices (pressure transmitter) at injection place, devices for radio data transmission

Further devices, special equipments and accessories on request!