

Mixing plant OM 200



Application area: grouting, anchors, flush-drilling

Mixing material: solid agent suspensions

Holding tank without pump-off function

Mixer valves manually operated



Specification

Drive		: electro
Mixer- and agitator drives		: 8.6 kW
Total drive power		: 8.9 kW
Total required power		: 8.9 kW
Connections	- electric	: CEE 32 A/ 380 V, 50 Hz
	- water	: R 1"/ GEKA
	- suspension outlet	: ID 50
Dimensions (L, W, H)		: 2090 x 1140 x 2030 (mm)
Weight		: ca. 740 kg

Performance

Mixer		
manual production rate up to :	4	m ³ /h at 20 cycles
production rate with FS-DK up to :	5.2	m ³ /h at 26 cycles

required power without helical conveyors

technical data as of Jan. 2000 , subject to change

OM 200 Assembly groups/ machine technology

Frame:

skid mounted tubular steel,
central lifting eye,
fork lift slots,
paint RAL 3000 (red)

Mixing tank:

round tank of stainless steel, conical bottom,
tank capacity: 240 l (63.5 US gal),
working capacity: 200 l (52.9 US gal)

Holding tank:

round tank, bottom conical to top,
cleaning hatch mounted in the bottom,
tank capacity: 460 l, working capacity: 400 l

Operation elements:

ON/ OFF switch for the mixer motor,
ON/ OFF switch for the agitator motor on the
holding tank,
ON/ OFF switch for semi-automatic
water dosage (special equipment)

Accessories:

special tools for operation and servicing,
operation manual and list of spare parts

Special equipment:

- semi-automatic water dosage with:
level switch, magnet valve for water supply,
- additional outlets on holding tank with flushing connection
- dedusting filter
- adjustable mixing speed
- inlet sieve in holding tank
- connectors for circulation hoses

Complementary equipment:

grouting pumps, pressure- and volume recorder, dosing conveyor, suction hoses, waste pan, water supply station

Water dosage:

water distributor with flushing connection,
water supply- and dosing tank V = 200 l (44 gal.)
adjustable overflow,
hand-operated water-outlet valve

Implements in the mixing tank:

two high speed mixing implements
on the same shaft with pump-off function.
drive bearings above the mixer,
no packing-seals, therefore no problems by running dry

Implements in the holding tank:

slow speed agitator implement in spiral configuration

Electrics:

electric-motor for the mixer drive
5.5 kW, 380 V, 50 Hz, IP 54
electric-motor for the agitator drive
1.1 kW, 380 V, 50 Hz, IP 54
motor protection switch

Optional extras:

special tools for repair,
spare parts,
top cover for mixer with connector for dosing conveyor