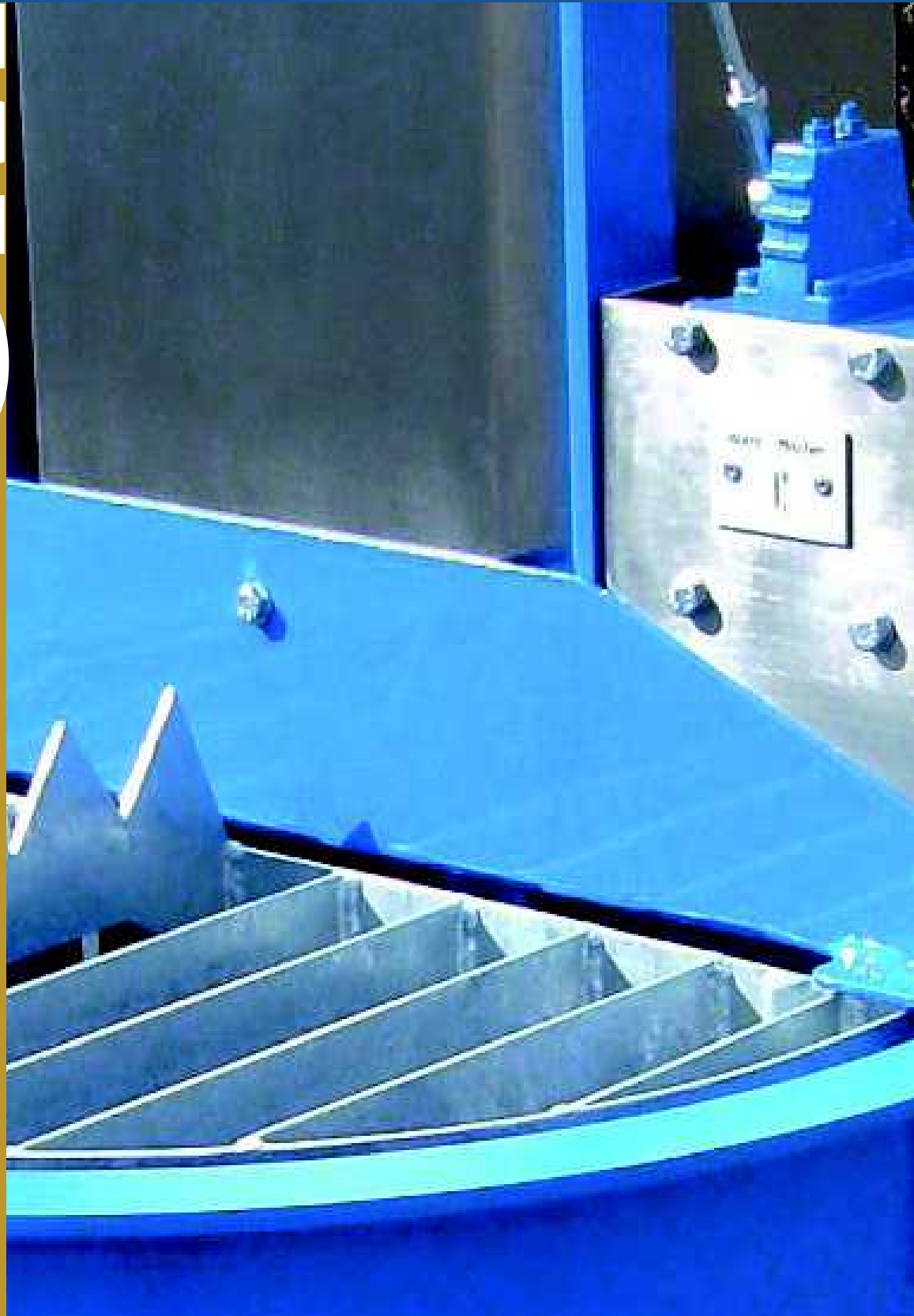


Batch Mixers

CRM

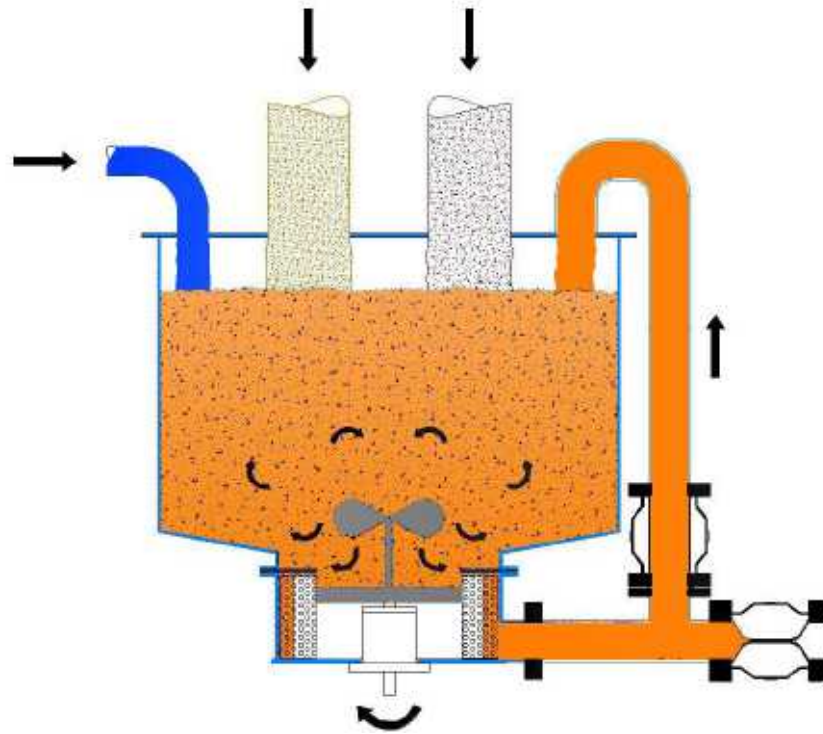


GERTEC

Maschinen- und Anlagenbau GmbH



Functional principle



Application areas

Anchor injection, ground stabilization, rock injection

Drill injection

Jet grouting, pipe roof grouting, floor level injection

Geothermal applications

Gravity filling

Microtunneling

Mixing of

cement slurry, anchor grout

bentonite slurry

cement slurry

filling material for peripheral sealing

cement, fly ash and insulation slurry

bentonite, cement and insulation slurry

Advantages of GERTEC Batch Mixers:

- sturdy, compact, powerful and suitable for construction sites
- easy operation and maintenance optimal mixing quality with colloidal mixing technology
- production of stable homogeneous slurry
- reduction and prevention of sedimentations (depending on the mixing components)
- complete binding of the mixing water
- optimal fluidity of the slurry
- complete activation of the mixing components
- no agglomerates / clumps in the slurry
- minimizing of moistening in clay slurry

Performance range

| type*1 | mixing capacity*2 | effective volume mixer | weighing range mixer scale | effective volume puffer tank | water tank | total power input | external hydraulic | length | width | height | weight |
|---------------|-------------------|------------------------|----------------------------|------------------------------|------------|-------------------|--------------------|--------|-------|--------|--------|
| Mixer | m3/h | l | kg | l | l | kW | l/min x bar | mm | mm | mm | kg |
| CM-75-E | 1,5 | 75 | - | - | - | 2,2 | - | | | | |
| CM-150-E | 3 | 150 | - | - | - | 4 | - | 1000 | 850 | 1400 | 190 |
| CM-150-E | 3 | 150 | - | - | - | 7,5 | - | 1150 | 850 | 1600 | 170 |
| CM-150-H | 3 | 150 | - | - | - | - | 25 x 140 | 1100 | 1100 | 1650 | 220 |
| CM-280-E | 5,6 | 280 | - | - | - | 7,5 | - | 1100 | 1100 | 1650 | 220 |
| CM-280-H | 5,6 | 280 | - | - | - | - | - | 1200 | 1100 | 1700 | 215 |
| CM-500-E | 10 | 500 | - | - | - | 15 | - | 1250 | 1200 | 1800 | 380 |
| CM-500-EA | 10 | 500 | 1000 | - | 400 | 22 | - | 2300 | 1800 | 2500 | 1800 |
| CM-1000-EA | 20 | 1000 | 2000 | - | 800 | 32 | - | 2500 | 2400 | 2600 | 2900 |
| CM-1500-EA | 30 | 1500 | 3000 | - | 1200 | 40 | - | 2700 | 2400 | 2600 | 3300 |
| Mixing plants | m3/h | l | kg | l | l | kW | l/min x bar | mm | mm | mm | kg |
| CMA-250-E | 5 | 250 | - | 500 | - | 13 | - | 2300 | 1400 | 2000 | 850 |
| CMA-250-EA | 5 | 250 | - | 500 | - | 13 | - | 2300 | 1400 | 2000 | 1250 |
| CMA-500-E | 10 | 500 | - | 1000 | - | 17,5 | - | 2600 | 1600 | 2300 | 2000 |
| CMA-500-EA | 10 | 500 | 1000 | 1000 | 400 | 24 | - | 2700 | 2400 | 2500 | 2400 |

Other sizes, types and equipments on request

*1) CM-batch mixer; CMA-batch mixing plant

-E electrical drive manual operation; -EA electrical drive full-automatic; -H hydraulic drive

*2) The values given are non-binding approximate values. These values can differ considerably depending on dosing, mixing and draining times.



CM-150-E



CM-500-E



CM-280-E



CMA-250-E

CEM

Batch Mixers
from GERTEC stand for
powerful mixer
and **mixing plants**
with **colloidal** mixing technology.

GERTEC

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