



BMI- 30

PNEUMATICAL BOND-INJEKTION

Additives improvement

Accurate dosing

Economic utilisation of the mixing periode

Especially for fast running mixers, the pneumatic addition of bentonite, carbon dust and dry new-sand is a big advantage.

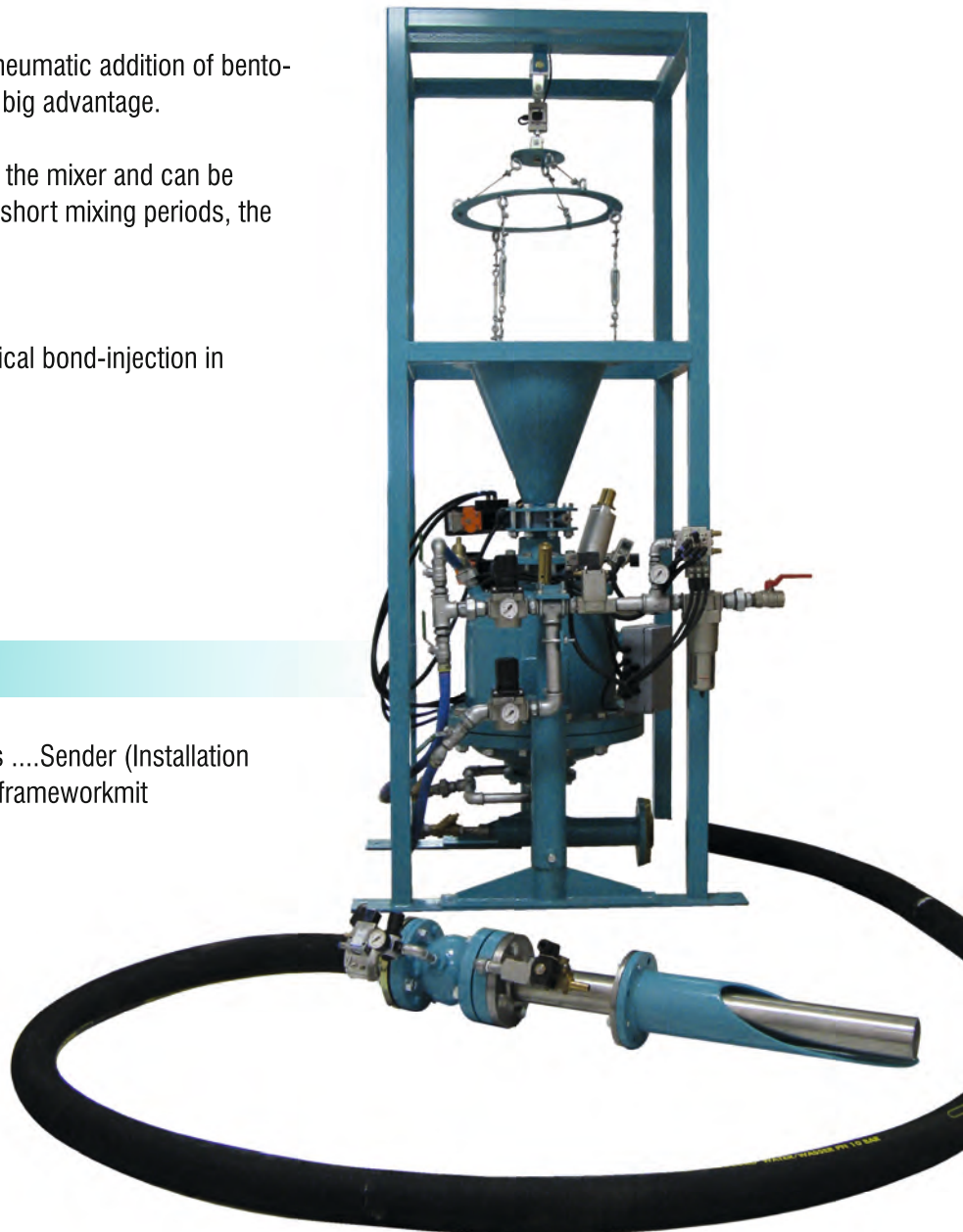
The additives are evenly compounded in the mixer and can be added to the batch very quickly. Even in short mixing periods, the bond-injection provides homogeneously additives.

We offer all components of the pneumatical bond-injection in required size. We await your requests.

TECHNICAL INFORMATION

The pneumatical bond-injection providesSender (Installation size depends on quantity) mounted in a frameworkmit **with all necessary fittings:**

- Input Locking Cap
- Pressure limiting valve
- Magnet valve
- Pressure reducing
- Pressure switch





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AIR INJECTION UNIT

with the components:

- Tube NW 65 (max.length 5m,- further lengths optional)
- Squeezing valve
- Secondary air nozzle
- Guide pipe
- Air injection pipe

WEIGHING UNIT

with freely suspended funnel or as a 3-point hopper.

Prepared for the filling with one or two screw feeder:

- Load-cells depending on total weight as tensile or compressive force
- Outlet cap
- Flexible adapter attached to the sender

CONTROL

fitted into a Rittal-case with the dimensions 500 x 500 x 200 mm
moufed an the framework.

- **Hardware:** B&R Power Panel mit touch screen 5.7" (other in request) and all necessary / O's for the sender function and the controlling of the system. The weighing electronics are integrated Power supply 230 V AC / 24 V DC, Main control switch, Emergency off switch

The complete system is prepared for ready to use.