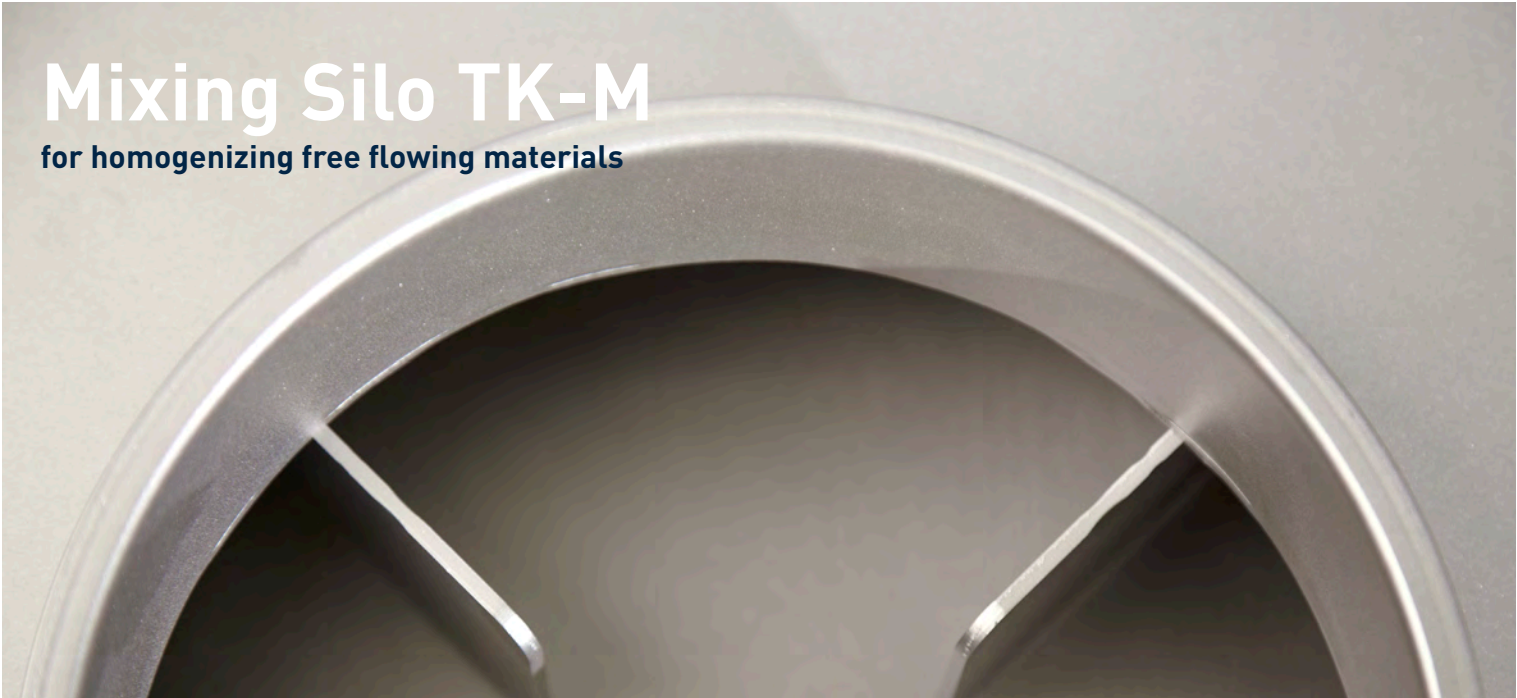


Mixing Silo TK-M

for homogenizing free flowing materials



- Efficient mixing process
- Easy to clean
- Reliable design

Trendelkamp mixing silos are field proven and successfully utilized within a wide range of practical applications across many industries.

Applications that require exact mixing of pourable, free-flowing material, such as granules, agglomerate, grinding stock and powder. Even small components within the batch are evenly distributed notwithstanding differences in density and particle shape. Our ability to customize mixing silos ensures that the design will be optimized for your operation and application.

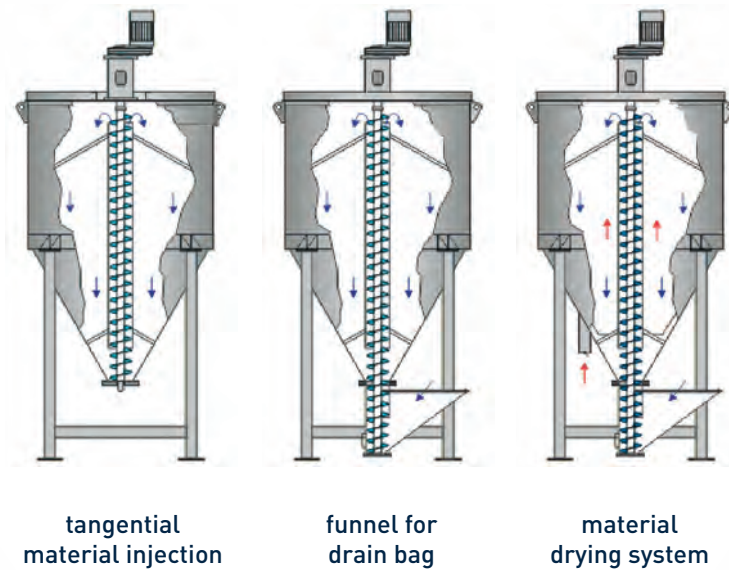
Benefits:

- Robust construction
- Precision design
- Continuous mixing process
- Easy to operate and maintain

Options:

- Pellet-Filling:
 - > Tangential inlet nozzle (on the top)
 - > Funnel for drain bag (at the bottom)
- Pellet-Drying:
 - > Warm air intake
- Hopper-material:
 - > Standard steel
 - > Stainless steel
 - > Aluminum
- Gear motor
- Level indicators
- Variety of standard sizes, 1 – 40 m³

Mixing Silo TK-M



Functional Principle:

A vertical worm type conveyor, the central part of the mixing silo, transports materials through a vertical mixing tube to the highest point of the silo for optimum mixing conditions. The materials are then released through an ejector unit that distributes them evenly over the entire cross section of the container. Furthermore, the silos conical shape ensures individual particles cover different distances until they are drawn back into the vertical worm type conveyor. The worm type conveyor has only one bearing point at the top of the silo. This unique central bearing does not require an additional bearing at the bottom of the silo, thus creating a full and complete material discharge area.

With the drying mixer option, additional warm or dry air is fed into the lower part of the silo during the mixing process. The air escapes through the material and then via an exhaust duct located in the top plate of the silo.

Applications:

- Homogenizing free flowing materials
- Polymers
- Foods
- Fertilizers

