

TOMAL Pneumatic Conveying Systems.

Tomal manufactures pneumatic conveying systems incl. feeding equipment for powders and granulates.

Typical applications are pneumatic conveying systems incorporating Tomal feeders for flue gas cleaning, where different chemicals are injected into the flue gas.

Common chemicals are lime, limestone, sodium bicarbonate, activated carbon and recirculated lime.

The plants are mainly delivered turnkey from our workshop in Sweden incl. silos or big-bag emptiers.

Design

- Tomals multiscrew feeders provide high accuracy.
- The feeder screws are designed to create a plug in the outlet of the feeder. This enables feeding into a slight over pressure without the conveying air returning through the feeder.
- An injector minimises the pressure at the feeder outlet.
- Side channel blowers are used with adjustable flow rates.
- Conveying pipe can be rubber hose or rigged pipe.
- Armatures allow for regulation and control.

Advantages

- Safe and accurate feeding.
- The ability of the feeder to feed into an over pressure, eliminates the problems with air leakage.
- Reliable pneumatic conveying with adjustable flow control.
- Turnkey delivery assures clear delivery limits and cost effective pricing.



*Project Rönnskärnsverken in the north of Sweden.
Plant for feeding and pneumatic conveying of
activated carbon for flue gas cleaning.*