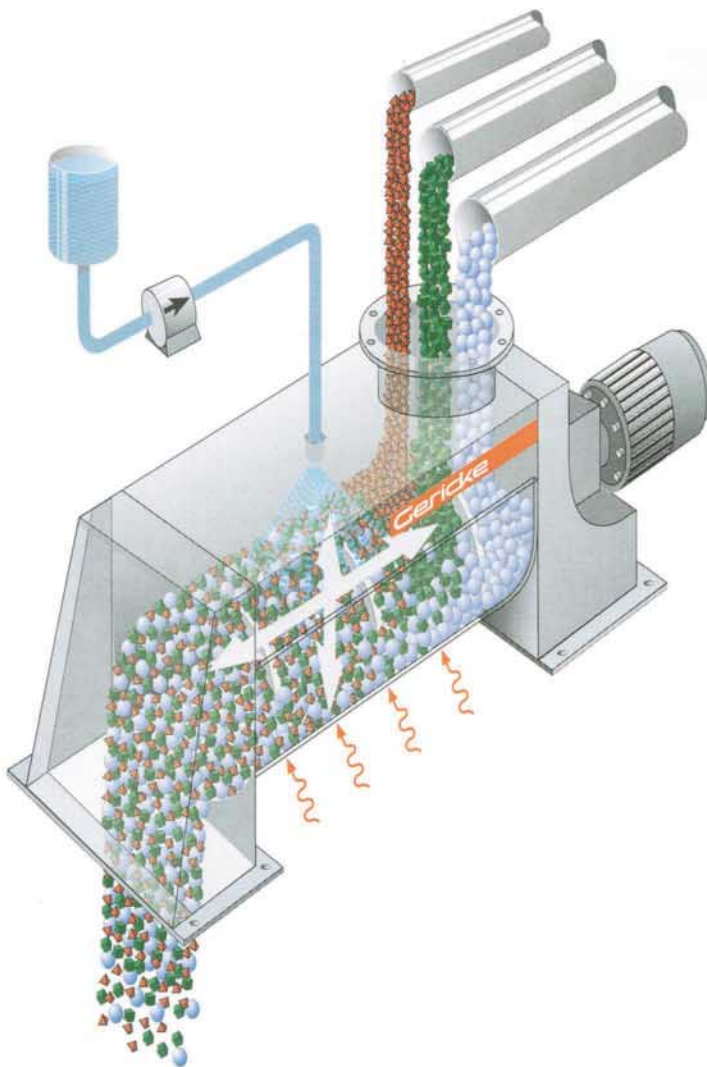


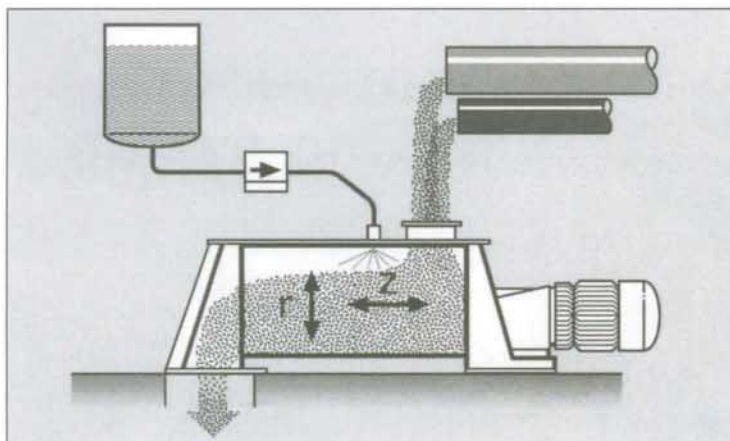
Continuous Mixing Systems.



- Mixing
- Reaction Processes
- Conditioning
- Colouring
- Flavouring
- Coating
- Granulation
- Extrusion pre-mixes

Gericke weigh feeders, plus the range of GCM continuous mixers, are the perfect partnership for the efficient mixing of dry solids and liquids.

Optimised homogeneity and mixing times.



R = radial dispersion
Z = axial dispersion

Features

- Maximum mixing dispersion even with minor ingredients.
- Easy adjustment to match changing products, recipes and mixing specifications.
- Highly effective chamber emptying process ensures minimum residual product.
- Designed for simple, fast and thorough cleaning.
- Minimum space requirement.
- Hygienic and pharmaceutical specifications available.
- Inert gas protection available.

Mixing Principles

Gericke GCM continuous mixers produce a unique combination of radial and axial mixing motions, designed for the successful processing of a wide range of materials.



Compact design with quick release access doors available.

The mixing element is easily removed for easy efficient cleaning of the chamber.



Mixer Range

Model	Maximum throughput (ca. l/h)*
GCM 500	2.800
GCM 800	12.000
GCM 1200	40.000
GCM 1800	100.000

*Higher feed rates are available to meet individual requirements

Process Mixer

High quality mixing often determine the efficiency and yield of the following processes:

- Heat transfer: heating & cooling.
- Coating.
- Agglomeration/granulation.
- Reaction processes.
- Addition of liquid active agent or flavourings.

The mixers can be supplied with jackets for heating and cooling processes.

The Gericke service: Your guarantee for feeding and mixing success.

Drawing on our unique experience we work closely with your technicians and engineers to develop new and improved process solutions.

Our services includes:

- Analysis of mixing requirements.
- Definition of aims and objectives.
- Confirmation of investment returns and variables.
- Realistic pilot trials using your own products in the Gericke test lab.
- Definition of final system specifications, technical drawings, project costings and space requirements etc.
- Supply, installation and commissioning of the total system.

Gericke weigh feeders supply the continuous mixer with the correct proportion of ingredients.



Gericke is a world leader in continuous feeding and mixing systems. Whatever your requirements, including the most advanced instrumentation and control technology, Gericke will provide the perfect solution.



V.D.U. Display of Mixing Processes for Extruder Feed System.



Gericke weigh feeders enable raw material and product/batch traceability.

Complete feeding and mixing systems.



Eight ingredients are delivered by weigh feeders and two continuous mixers to a primary and side extruder.

Typical Applications:

- Muesli
- Sugar preserves
- Breakfast beverages
- Addition of salt
- Vitamin additives
- Plastic additives
- Plastic flooring
- Detergents
- Building materials

Five weigh feeders and a continuous mixer, feed a calender roll for PVC floor coverings.



Gericke provides a single-source, turnkey service including project planning and equipment supply for every stage of the process. From the receipt of incoming materials, recipe formulation, feeding and mixing of the ingredients (continuous and batch) conveying, storage and conditioning. Gericke systems are used and approved in the food, chemical and plastics industries.

Gericke can also give you the opportunity to compare the benefits of continuous and batch mixing techniques.

For more information or trials, contact your local Gericke Specialist.

Gericke

Powder Processing Equipment & Systems

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