



- FLEXIBLE SCREW CONVEYORS
- SCREW CONVEYORS
- BULK BAG UNLOADERS
- BULK BAG FILLERS

- HORIZONTAL RIBBON MIXERS
- VOLUMETRIC AND GRAVIMETRIC SCREW FEEDERS

VOLUMETRIC FEEDERS

- **GIMAT** produces screw extractors, screw batchers and volumetric batchers with **continuous dosing (kg/h) or batching (kg)**. The batching is achieved with **volumetric precision**. Batching rate is depending on the spirals/screws and reduction ratios applied to the screw extractor or screw batcher.
- **Continuous volumetric feeders** from 3 ltr/h to 40 m³/h depending on the spirals/screws and reduction ratios used, from 1.8 kg/h to 24,000 kg/h (considering a density of 0.6 kg/dm³).
- Upon request the volumetric feeders can be designed and built in conformity to **ATEX directive 94/9/CE** for zone 2 - 22 and zone 1 - 21.



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GRAVIMETRIC FEEDERS

- **GIMAT** produces screw extractors, screw batchers and gravimetric batchers with **continuous dosing (kg/h) or batching (kg)**. The batching is achieved with **high accuracy weight precision**. Batching rate is depending on the spirals/screws and reduction ratios applied to the screw extractor or screw batcher.
- When operating by **loss in weight**, load cells are used. In this case of the gravimetric feeder precision depends on the type of cells used and the effect of the tare on the single desired weighing. Depending on the configuration, the batch programmers manage several ingredients and formulas.
- Upon request the gravimetric feeders can be designed and built in conformity to **ATEX directive 94/9/CE** for zone 2 - 22 and zone 1 - 21.



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