



SALT GRANULATION AND BRIQUETTING

EURAGGLO offers a briquetting, compaction and granulation process based on the technology of roller presses and compactors.

This process allows the briquetting of sodium chloride from mines or solar evaporation as well as raw mine salt for industrial and domestic purposes. The technology enables to produce salt briquettes under ovoid form, square-pillow shape and salt granules. Those final product are used for water softening, dishwashers, road deicing....

The agglomeration process can be influenced by salt origin, the presence of anti-caking agents, the moisture rate, the salt temperature and the feed size range.

EURAGGLO can guide you to select the optimum equipment in this field.

PROCESS

The process consists in briquetting or compacting granulating under pressure sodium chloride into briquette or granules.

Generally, salt is agglomerated after the drying step which reduces the moisture to less than 0,2%. A force feeder or a gravity feeder feeds the salt between two rotating parallel rollers turning in opposite directions.

This process allows the formation of briquettes of flakes. Depending on the need, the flakes can be crushed into granules and screened to the required final size ranges (2-5mm, 3-6mm...).

The quality of salt determines the compression roller speed and the pressure level. Additionally, the size range has a great influence on the choice of feeding systems in presses (gravity or force feeder).

ADVANTAGES

- A large choice of briquetting press capacities (from 300kg/h to 10 MTPH or more...) and design (different briquette shapes, different feeding systems...).
- A proven process : many references of such plants in operation worldwide on solar evaporation salt, refined and raw mine salts.
- The capability to test different salts in our pilot plant.

Proposed Services

- Audit of existing units.
- Applied R&D in pilot plant.
- Engineering process.
- Manufacturing of compactors and granulators.
- Integration of complementary equipments (dryer, crusher, mixer...).
- Maintenance and associated on-site services.



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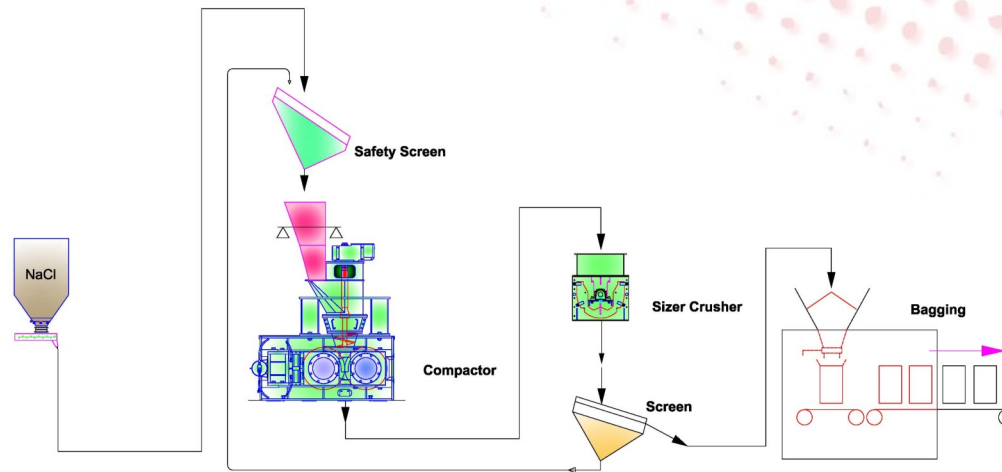
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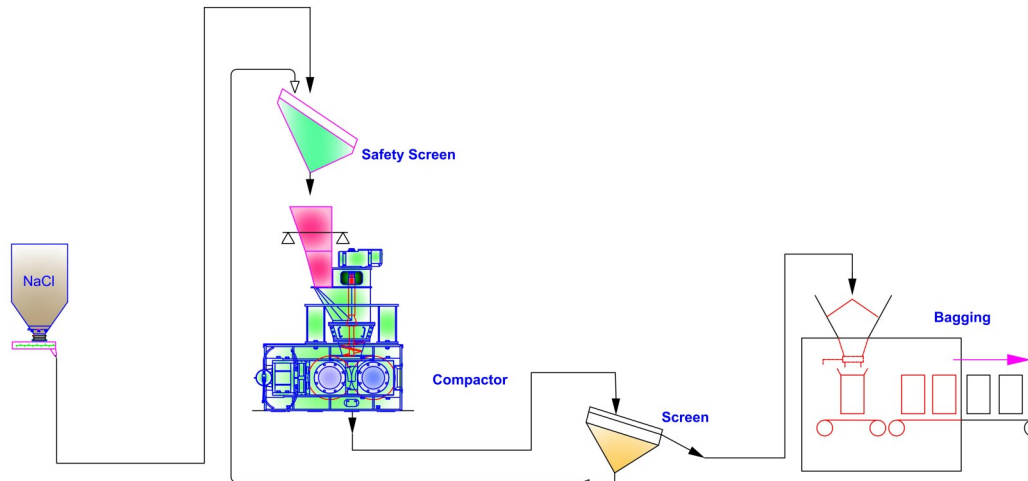
SALT BRIQUETTING AND GRANULATION

SALT DRY GRANULATION

Line with single BCR-type sizer crusher



SALT BRIQUETTING



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