



LIME BRIQUETTING AND GRANULATION

EURAGGLO offers a briquetting, compaction and granulation process based on the technology of roller compactors. This process allows the agglomeration of various dolomitic or high-calcium quicklime coming from screening at the end of the lime kilns.

The briquettes produced can be used in steel mills as lump lime or into refractory production lines. The same raw material can also be compacted/granulated for agricultural or environmental use.

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.

PROCESS

The process consists in briquetting dolomitic or high-calcium quicklime with high pressure after addition of a solid lubricant.

The raw material to be briquetted can have various size ranges from 0-1mm to 0-5mm. The briquettes from a roller press generally have a volume smaller than 20 cc and a density close from 2 to 2,2 g/cc.

Granules with 2-4mm or 2-5mm size ranges can also be manufactured from calcium oxides or carbonates.

ADVANTAGES

- A large choice of briquetting press capacity and design (from a few tons to 20 MTPH or more...).
- A proven process : many references of such plants in operation worldwide.
- Technical solutions for presses allowing good wear resistance for the moulding tyres.
- A unique solution to produce up to 4 MTPH of briquettes per press with a special design of machine allowing easy maintenance and operation.



EURAGGLO S.A.S.

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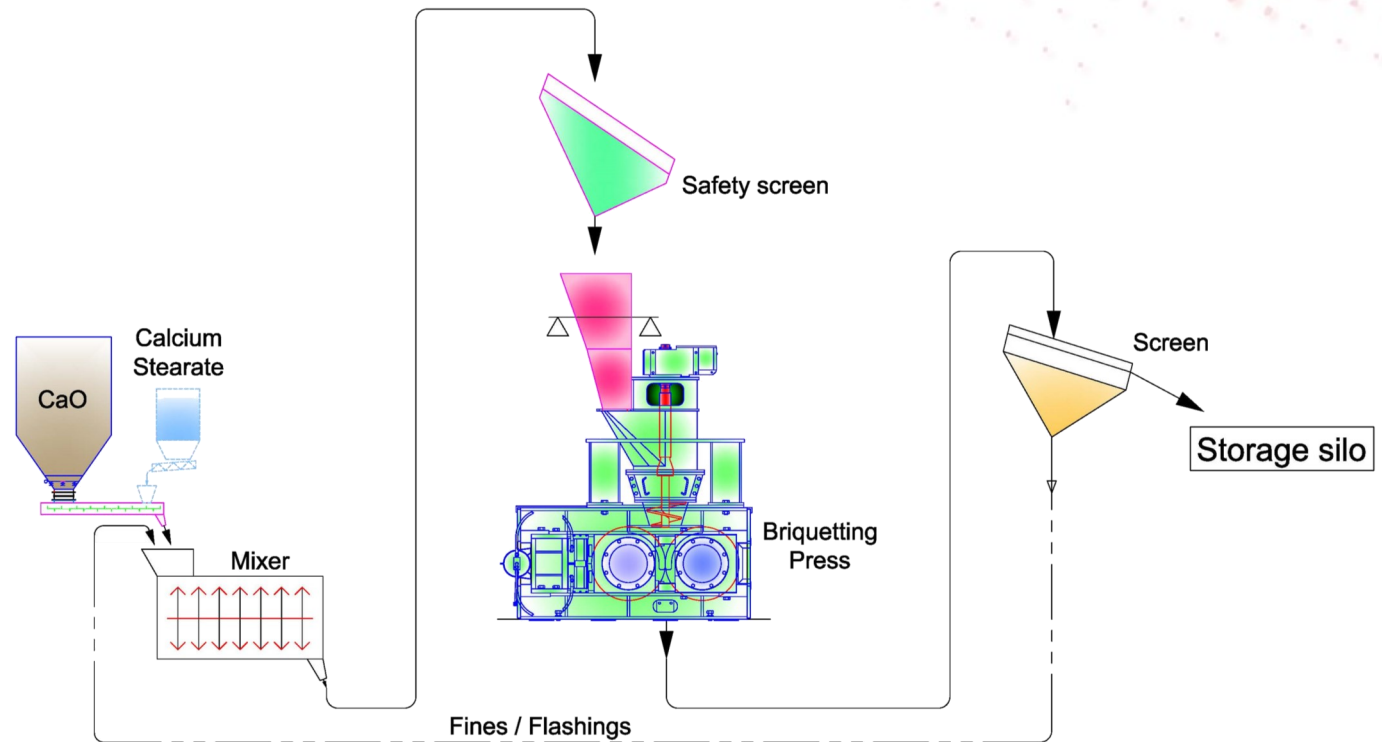
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Example of a EURAGGLO briquetting



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