

METAL FINES AND FERRO-ALLOYS BRIQUETTING

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

This process allows the briquetting of metal fines and ferro-alloys. This method can be applied to such materials as chrome, cobalt, nickel, or ferro-alloys such as FeMn, FeCr, SiMn, FeSi...

To obtain suitable briquette, metal fines and ferro-alloys need to be controlled in moisture, crushed to an acceptable size range and, in most cases, mixed with an appropriate binder.

PROCESS

The process consists in briquetting metal fines and ferro-alloys in a roller press to produce briquettes of various sizes with ovoid or pillow shape, so that they can be used in the melting process.

Usually a plant is composed of a preparation unit to adapt the moisture content and the size range of the feed materials to the process. These feed materials are mixed with an appropriate binding system if necessary and sent to the press.

The briquettes are screened and sent either to storage for natural curing or to a forced curing step.

ADVANTAGES

- A large choice of briquetting press capacity and design (from few tonnes to 60 MTPH or more...).
- A proven process : many references of such plants in operation worldwide.
- An experience in different processes and applications involving different binders or raw material formulations (by-products and coal, ...).

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.



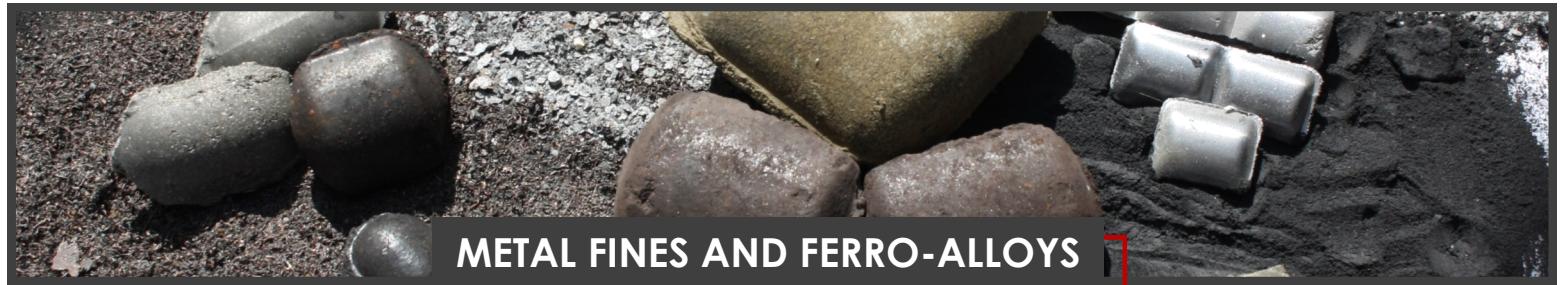
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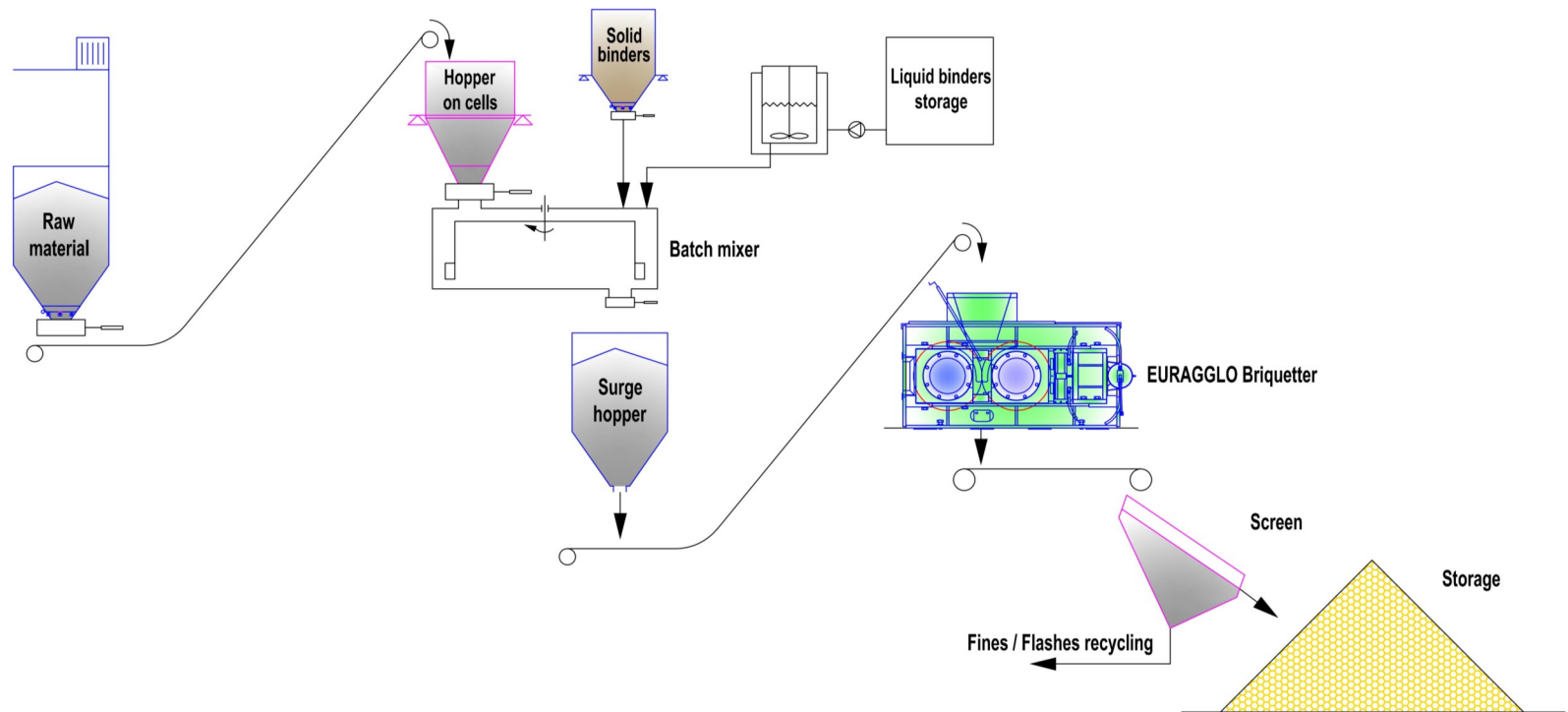
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Example of a EURAGGLO agglomeration of metal fines and/or ferro-alloys



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