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Dry plasters and mortars plant made by WKB Systems

Dry plasters and mortars are mixtures of prefabricated bulk dry raw materials used for the fast production of a wide range of ready interiors and exteriors mixtures directly on the building site. The ready-to-use product is usually done by adding of some water.

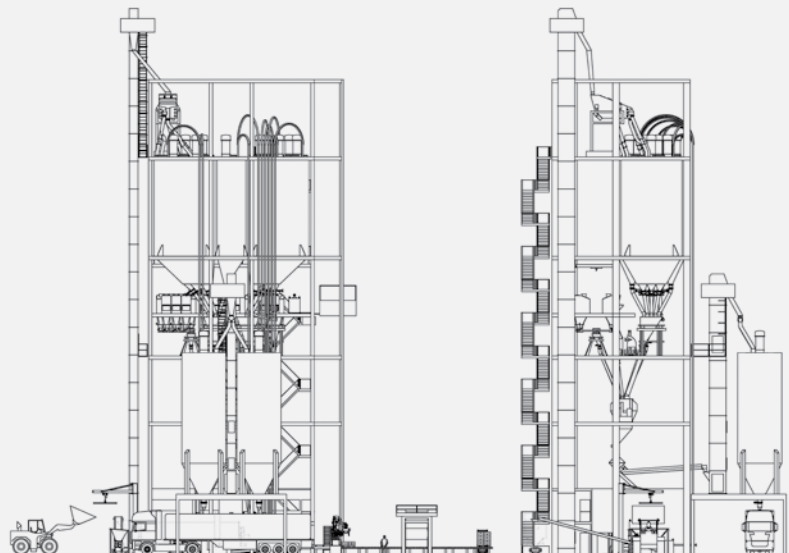
The following building dry mix products are known depending on the field of application:

- Masonry and repair mortars
- Plasters and renders
- Tile installation materials (Tile adhesives and tile grouts)
- Dry concrete
- Self level flooring
- Hand applied floor underlayment
- Special products (fire protection, drilling mortar, paving mixture etc.)

A German equipment manufacturer – WKB Systems GmbH has an offer of innovative state-of-the-art production technology for a wide range of dry mix products. The highly precise dosing and homogeneous mixing of raw materials result in profitable production of high-quality products.



The reasonable plant capacity is 10 – 50 ton per hour. The territory of 350 – 1000 m² is generally enough for the production line erection and storage area for finished products. The height of the mixing tower, depending on the capacity is 30 – 45 meters.





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Manufacturing process

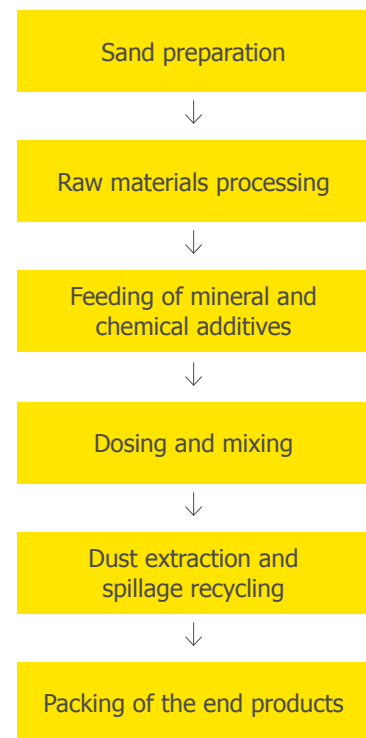
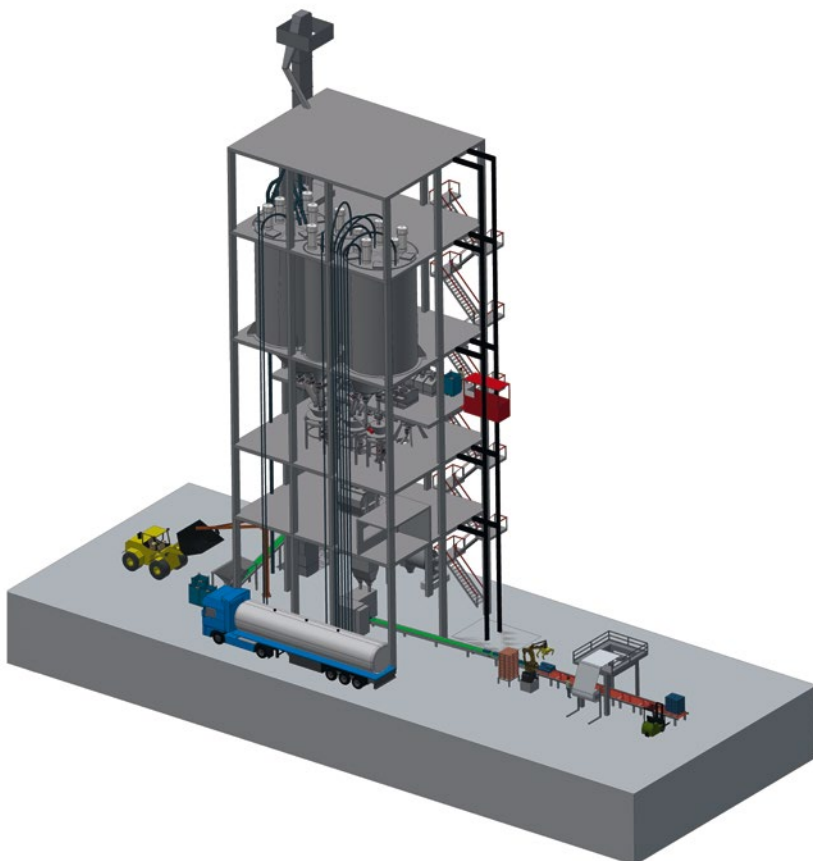
The main components used in dry mix production are:

- Binders (cement, gypsum, hydrated lime)
- Fillers (fine limestone powder)
- Aggregates (sand, crushed and milled limestone)
- Additives (chemical and mineral)

The sand delivered by trucks must be dried, sieved according to grain sizes and forwarded mechanically into sand silos. The rest of raw materials is loaded into silos pneumatically or directly from big bags. The production process starts with the precise dosing according to the predetermined recipe. Once all raw materials are in the mixer, the mixing process starts. In such a way, the



industrial production of dry mixes occurs in a strict accordance with continuously monitored and adjustable recipes in a completely automated way. The end product is forwarded to a packing line, storage silos or directly to trucks.



Your reliable partner for equipment delivery, modernisation and automatisations solutions!

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