



Sand Dryer



Electronic Roto-Packer 8 Spouts



Bulk Bag Filler



Small Bag Dumper



Batching Bins



Additive Dosing



Pneumatic Conveying System



Batch Hopper with Rotary discharge Valve



Silos and Conveyors



FRIGMAIRES ENGINEERS



We provide complete Plant for
DRY MIX MORTARS
TECHNOLOGY FOR PRODUCING



TILE GLUE



REPAIR MORTARS



PLASTERS / RENDERS



WATER PROOFING



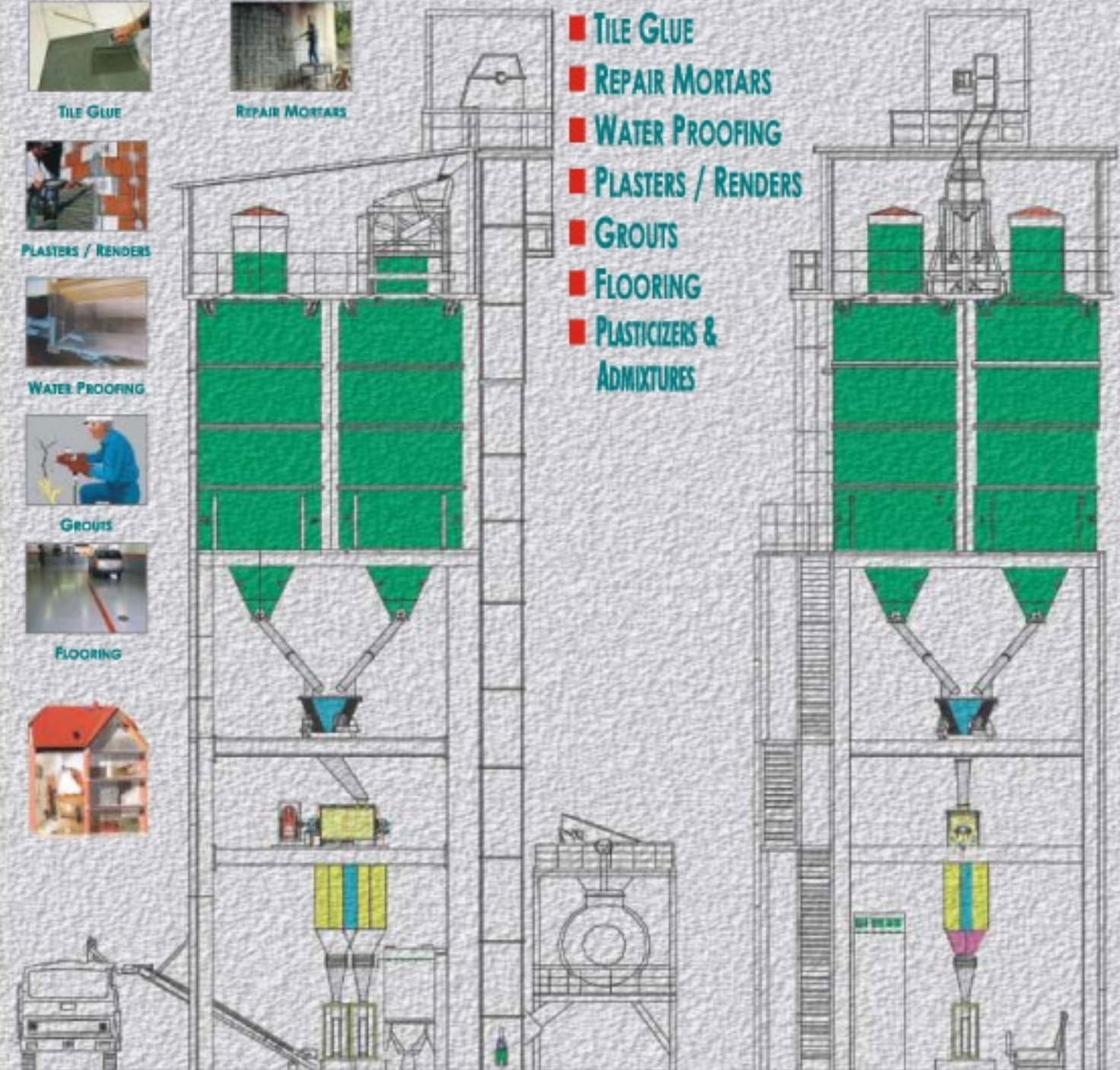
GROUTS



FLOORING



- TILE GLUE
- REPAIR MORTARS
- WATER PROOFING
- PLASTERS / RENDERS
- GROUTS
- FLOORING
- PLASTICIZERS & ADMIXTURES



ELEVATION

SIDE VIEW

Manufactured by



FRIGMAIRES ENGINEERS

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PLANT LAYOUT WHY FRIGMAIRES ?

WHAT IS DRY MIX MORTAR

Dry Mix Mortars are construction materials mainly comprising of Cement, Sands and Chemical additives precisely weighed and mixed in a factory. This mix is termed as a MORTAR and is packed in bags. Several types of MORTARS can be formulated in a dry mix plant. Today where speed and time play an important part of any construction project DRY MIX MORTARS offer the perfect solution. Advantages are consistent quality, controlled inventory, savings in time, labour and costs.

WHAT WE OFFER



Batch Plant 25 - 50 MT/Day

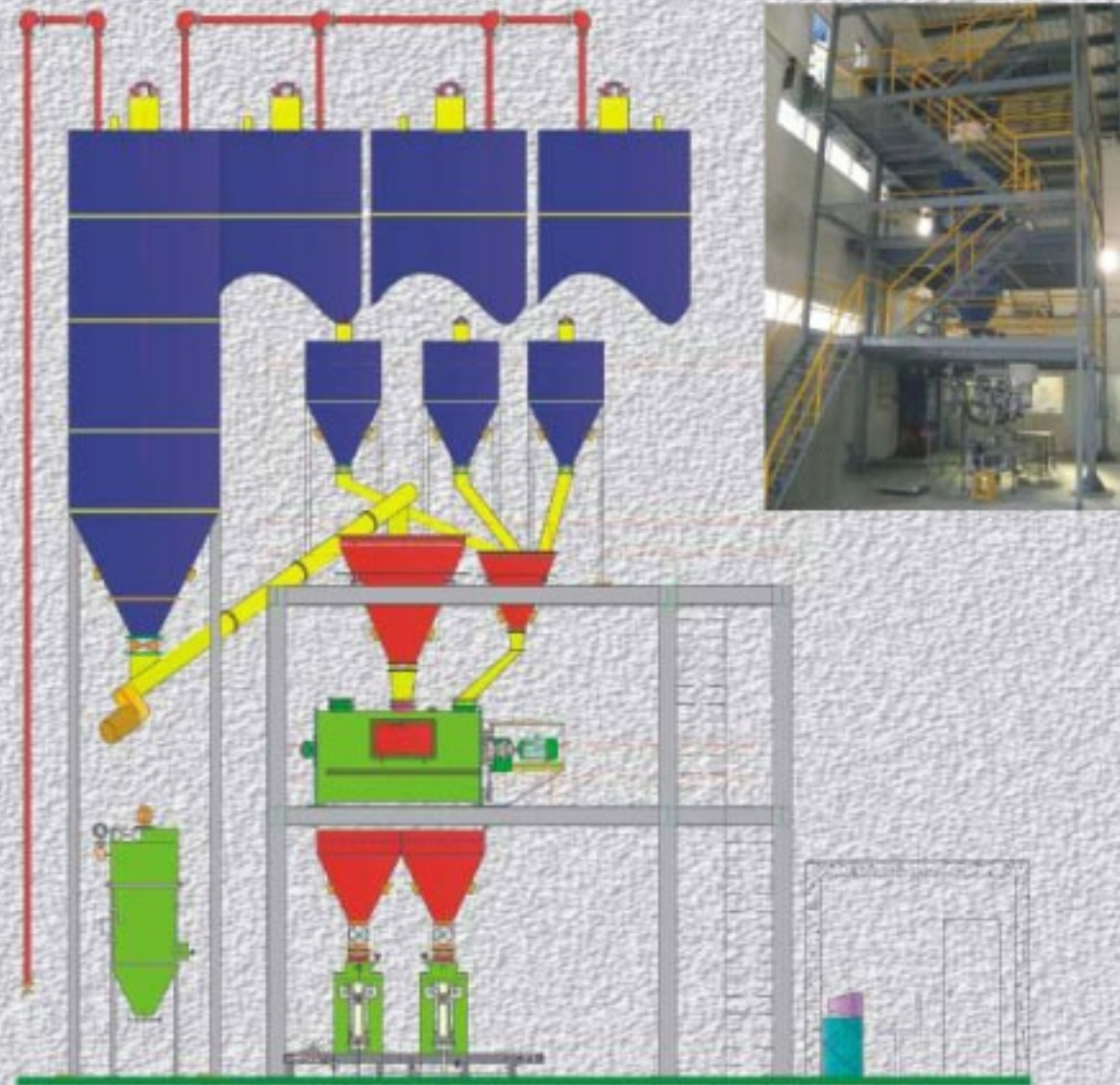
COMPLETE AUTOMATION BASED ON PLC SYSTEMS

The entire operations of our plants can be precisely controlled by a centrally located PLC electronic panel. Right from raw material storage to final finished product can be carried out by a single operator. Each stage of production, i.e. administration of formulas, entry of orders, etc., is monitored and displayed. We also offer semi automatic control stations in cases where labor factors are not a constraint. Tailor made systems are offered depending on level of automation and investment available.



We assist our customers in all matters concerning dry mortar technology, from the choice of raw materials to optimal marketing of high quality products.

We offer a complete package starting from Plant Design, Raw material selection, Testing, Erection and Commissioning.



Complete plant and design to manufacture Super Plasticizers, Accelerators, Retardars etc. for Readymix Concrete

MIXERS THE HEART OF THE PLANT

The type of mixers installed in a dry mix plant controls the output and quality of the finished product. The specialty additives like polymers, cellulose, fibers, air entraining agents etc. have to be uniformly blended along the entire batch to obtain consistency in quality. The three types of mixers we offer are shown below.

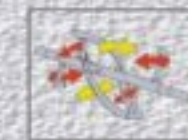
THE PLOUGH TYPE



Choppers

The plough type mixer creates a fluidizing effect whereby the mass is subjected to three dimensional mixing. Choppers are installed to create the fluidizing effect as well as to breakdown any agglomerates present in the batch. These mixers have a short mixing time and are power intensive.

THE RIBBON TYPE



Ribbons

A conventional and reliable mixer which employs the use of helical ribbons to ensure multidirectional mixing of the mass. The mixing time is longer as compared to the plough mixer but the quality of mixing is as good. These mixers consume less power.



TWIN SHAFT MIXER



Paddles

These mixers are excellent for mixing of various powders having wide ranging bulk densities in the same batch. Small quantities of additives / pigments can be evenly and uniformly distributed in short intervals.

