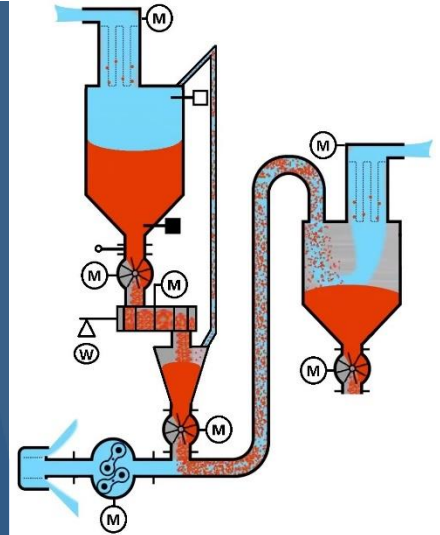




Rotor weight feeder with capacity up to 40 t / h and precision control of 0.5%

Roots blower of 3 lobes of reduced size and greater efficiency that generates a constant flow up to 40 m³ / min at a pressure of 60 KPa.



Newsletter - april 2019

SATAREM designed and manufactured a pneumatic transport and measurement system of material (ash) for a cement plant in Central America with a capacity of up to 12 t / h.

Our long trajectory in the design and manufacture of pneumatic transport systems in the world, lets us provide an advanced solution to make a constant measurement of the mass of the material to be transported regardless of the variations in the density of it, guaranteeing an optimal control of the process.

Description of the system

Our solution integrates a modern rotary table measuring equipment, capable of calculating the mass of a granulated material with a **density of 0.85 g / cm³** at a precision of 0.5% coupled to a pneumatic positive pressure transport system, designed to transport material at **horizontal and vertical**.

Delivery time

Under FOB conditions we provide a delivery

time of **no more than 14 weeks** developing the engineering with constant feedback from the client.

Quality suppliers

As per customer's request, all our electrical and control supplies use the **leading brands in the market** to ensure the quality standards within each of the production plants.

Benefits for the client

- Decrease transport times.
- Reduce operating costs.
- Reduce material losses.
- Reduce the pollution generated by a process.
- Mounting flexibility.
- Diversity of material to be transported.
- Amount of material transported known through weight measurements.

QA / QC Assurance

We have a rigorous quality control of our manufacturing processes; from material certificates to ultrasound and dimensional inspections guaranteed by high quality equipment.

Equipment description and functionalities:

- Bag filters for pollution control in the plant.
- De-dusting and recirculation system.
- Guillotine valve for all systems.
- Level control in the storage silo.
- Aeration system to avoid clogging.
- Pressure control in transport pipeline.



Rotary valve with **air lock system**. Includes Venturi tube specially designed for pneumatic transport. It has a **capacity of up to 20 t / h**