



► PRODUCTIVITY



► INNOVATIVE



► LOW BUDGET

Batching system

Here is a low budget solution that will automate your batching and weighing process. No need for huge storage silos. You can operate with very limited factory floor space and still achieve:

QUALITY, CONSISTENCY AND PRODUCTIVITY



GRINDER CONTROL

- Variable Frequency Drive • Saves power • Avoids grinder break down

Material from batching system is fed through a rotary air lock system in a controlled and regulated manner. The grinder load current is measured continuously and the material feeding is adjusted dynamically.

ANIMAL FEED, POULTRY FEED and MASALA MAKING INDUSTRIES IN THE SME SECTOR

By combining manual feeding by operators with automated weighing and batching, Autosys, delivers unmatched value and performance at a very low investment.

The heart of the system is a combination of two weighing hoppers that alternatively weigh the raw material controlled through a PLC program.

Operators are given visual and audio instructions in their local language with the name of the material and quantity (no of bags) to be loaded in the bucket elevator.

The PLC system automatically measures the weight fed in the weigh hopper and controls the diverter gate to redirect the excess material to the stand-by weigh hopper.

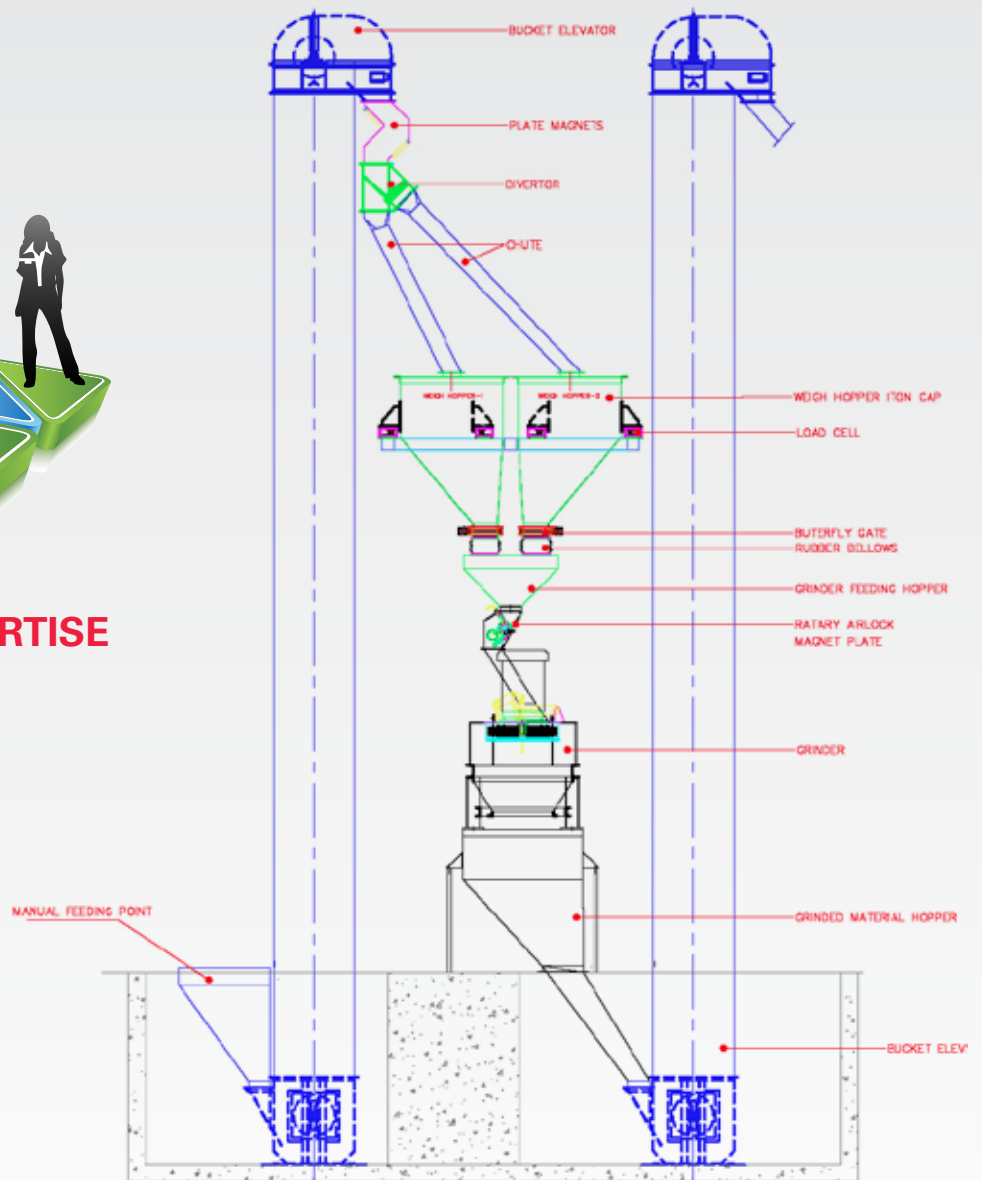
In the next cycle, the stand by weigh hopper becomes the main weigh hopper and the operator is instructed to load only so much material as necessary (after subtracting the weight of material already available).

Please see illustration in the next page and feel free to call us for a more detailed discussion.



CAPABILITIES & EXPERTISE

- Material Handling
- PLC, SCADA and MES
- Automatic Dosing
- Automatic Weighing
- Instrumentation
- Telemetry
- MCC and PLC panels
- Project Management
- Turnkey Contracts



ABOUT AUTOSYS

Autosys provides end to end plant automation solutions to a wide variety of industries. Combining its multi-disciplinary expertise in mechanical, electrical, electronics, PLC and computer systems with deep domain knowledge about each industry, Autosys is able to provide fixed price turnkey solutions. Whether it is an existing plant or a green field project, from Rs10 Lacs to Rs100 Crores, Autosys can execute plant automation projects within time and budget like no one else. Call us for a more detailed discussion.

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