



Over whelming response at PLASTINDIA



Chairman's Message



Dear Friends,

2017-18 was eventful for the Indian Industry owing to the path breaking decisions of Demonetization & GST Implementation by Government of India.

Though it has effected all industries across India and has slowed down business for more then a quarter, it has in retrospect, made the business process much easier as compared to the past years.

Friends , I am pleased to inform you that despite of all odds, PRASAD GROUP has grown by more than 20%. This would not have been possible without your support.

We at PRASAD GROUP, believe that our customers & vendors are strategic Partners & we continuously strive to see that this belief is reality.

In this direction, we have moved one step further for our "Customer Service & Support" & have successfully implemented our mobile service App. for our service engineers. With this our response to our customers and monitoring of service is further streamlined and controlled. Now we have more satisfied customer base then the past.

I am happy to announce that, we have entered in to an agreement with M/S PLAS MEC of Italy for selling their range of Mixing Machines in India. This was long pending demand from our PVC processing customers.

I would also like to announce that we are increasing our manufacturing capacity for our chilling plant range which is expected to be operational by Aug.2018. With this we will be able to shorten our delivery timeframe of chillers & mould Temp controllers, significantly.

Warm Regards,

Prakash Shah

Chairman

“AUTOMATION - POWDER CONVEYING & FEEDING FOR COMPOUNDING”

Compounding industry works on three key areas”

- Versatility
- Flexibility
- Stability

Profitability of entire compounding plant depends upon

- Conversion cost
- On time delivery
- Sales

In general all compounding manufacturers tries to keep their conversion cost as low as possible. Spillage, grade change & wastage are the main culprits which directly shoots up conversion cost of any raw material.

Fig-1 shows how manual process of loading, transferring & dosing of raw material, involve huge manpower. It also contributes in wastages of costly material due to spillage, increasing in conversion time & compromising in end product quality. Ultimately resulting in higher conversion cost and market loss due to quality & delivery.

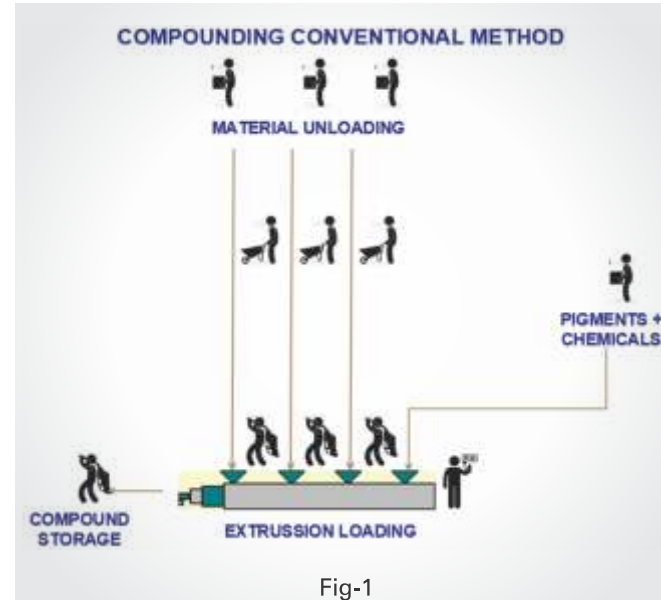
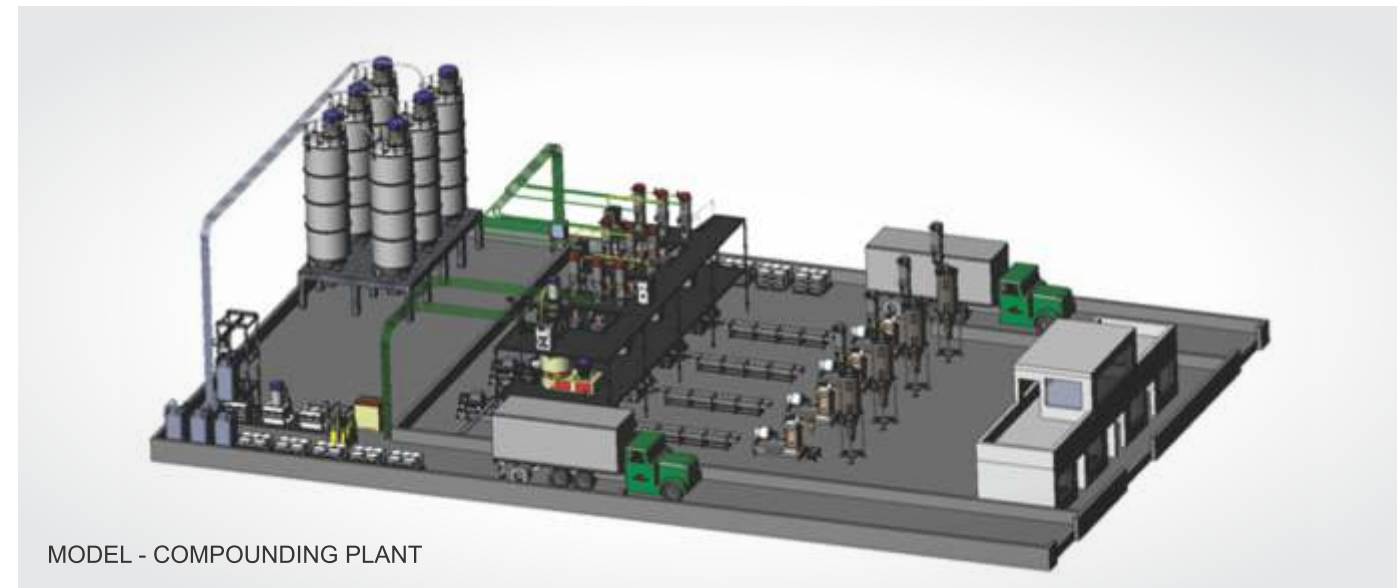


Fig-1



MODEL - COMPOUNDING PLANT

With the Material handling automation, we are able to eliminate

- Wastage of material
- Time lose due to grade change
- Loss due to raw material inventory holding
- Manual handling.

It results in

- Faster conversion of raw material to finish goods
- Consistent desired quality.

Usually in any compounding line, four to five different material is handled which include polymers, minerals and some times oils.

When automation is done, all the raw materials are loaded in respective closed vessels, which is usually a manual process. With automation these materials are transferred to extruder automatically.

As all the raw material are stored in close vessels and all material are transferred through completely closed pipes & joints, hence possibility of material spillage is eliminated.

As all material dosing & handling is automatic. System has full flexibility to do grade change and ensure faster switching from one grade to another. Also feeding of wrong material or wrong quantities is eliminated, which prevents the grade rejection & saves change-overs time.

Any compounding company which has more than 500 kg/hour compounding line can opt & go for automation as ROI is very fast & smooth.

As our specialized working style & application specific approach, our technical experts can come to you & give you overall presentation for Material Handling. Also can suggest what is best for you to reduce wastage & hidden expenses.

Watertec has built its brand with quality as its main USP since its inception in 1997. With its base in Coimbatore, it is an ISO 9001-2015 company with all its unit and functions are duly certified. The products have been of high quality and ranges for Urban, Rural, Residential, commercial complexes across Greater India & south Asian Markets. Today it has presence in South East Asia, India, all the SAAARC countries and also shortly would start operations in Middle East and Africa.

Watertec has a state of art manufacturing unit spread over an area of 70000 sqm situated in Coimbatore and has advanced, automated machineries and processes.

They deliver more than 25 million bath fittings annually.

In terms of manufacturing, they are one of the biggest manufacturers in the country.



Marking a Fluid Presence in the Water Industry with a strong alliance with Watertec



BANTWAL RAMESH BALIGA

CEO - Watertec,
Responsible for business in INDIA, SAARC, NMEA, Middle east.

We have been associated with Prasad Group since 2008, and use their Auxiliary

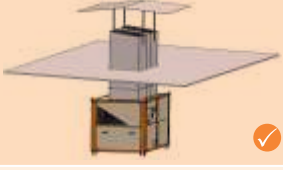
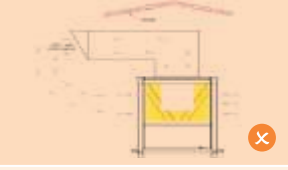
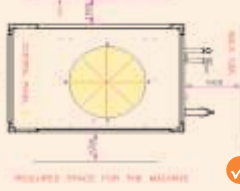
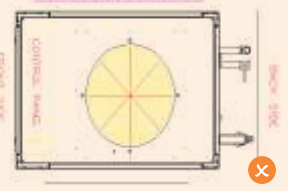
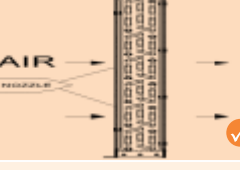
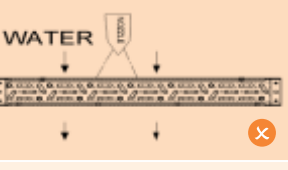
equipments like Chillers, Mould Temperature Controllers (MTCs), On Line Granulators, WEMO Robot, CCS for the automatic conveying of raw material & master batch dosing in the Injection moulding machines and also Powder Conveying System for the PVC compounding and conveying to the extruder machines.

These equipments not only increases the process efficiency and consistency but helps in manufacturing high quality products with substantial manpower reduction.

We are extremely happy with the quality of their equipments, technology, gracious service support and timely deliveries.

We are also very much impressed with the level of detailing and accountability demonstrated by them on each project and the way they conduct business as a whole.

We have, and will continue to, recommend their equipments to other companies and contacts and look forward to continuing the mutually beneficial relationship with Prasad Group.

PARAMETER	DO'S	DON'TS
Air cooled chiller Ducting	Air ducting must be as per given layout 	Never make ducting in such a way so that air flow is restricted or recirculated surrounding the chiller 
Location	Should be spacious as per layout The flow of fresh air must be provided to the chiller 	Don't put it near to wall Install chiller in such place so that hot air must not be recirculated surrounding of the chiller 
Air cooled condenser	Select chiller location such that direct sunlight should not come on condenser Clean the condenser with dry Air in vertical pattern only 	Direct sunlight will reduce performance of chiller so avoid such location if possible Don't use steam or water jet 
Power supply	Ensure that voltage fluctuation in power supply is no more than 7% Recommend to use minimum cable size specified in layout	Use voltage stabilizer when power supply is from DG set because voltage and frequency fluctuation is more Never use cable size less than specified
Water Filter	Must put water filter of supplied size in return water line to prevent foreign particle to enter heat exchanger	Never bypass or remove water filter otherwise it will clog the heat exchanger
Water Pipe size	Always use recommended size water pipe of non-corrosive material with insulation which should withstand water pressure up to 10 bar	Never use water pipe of corrosive material or without insulation and also size of pipe should not be less than specified
Water quality	Use RO water or water having Ph 7.0-8.5 & TDS 200 PPM Max	Don't use hard water of higher TDS OR PH < 7 OR PH > 8.5

Recreational Endeavors for our diligent team members



Sport Event



Kite Competition



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