



GAURAV ENGINEERING



*Agrochemical machinery
one stop solution*



GET TO KNOW US



SHASHI RANJAN KUMAR

MANAGING DIRECTOR

Incepted in the year 2014 Bahadurgarh, Haryana. We Gaurav Engineering are expert in solutions of equipment & machinery for Agrochemical. We provide Turnkey projects solutions for Agrochemical industries such as S.C Plant, E.C Plant, C.S, Glyphosate, W.P, W.D.G Plant & W.D.P Plant.

OUR INFRASTRUCTURE

We are equipped with 3 manufacturing units with total working area of 45000Sq.ft. area with high tech machineries to provide best fabrication to our valuable clients.

OUR VISION

Our vision is to be a one stop solutions for Equipment's and Machineries by providing best quality products with hassle free service too.

OUR MISSION

Our organization is backed by skilled and qualified team of experts who have adequate experience in Agrochemical formulation & technical industries with deep understanding of its specification requirements.



OUR PRESTIGIOUS CLIENTS



★★★★★
TRUSTED

300+ Satisfactorily clients
All over India & Abroad

www.gauravengineering.in



Why Choose Us

*Customer satisfaction-
our priority*



EXPERT
CRAFTSMANSHIP



25YEARS OF
EXPERIENCE

EXPERIENCE

EXCELLENT
QUALITY



AFFORDABLE
PRICING



HASSLE FREE
SERVICE



1YEAR
WARRANTY



CUSTOMER
SATISFACTION



CUSTOMIZATION
DESIGN



Website
www.gauravengineering.in





1 YEAR WARRANTY APPLICABLE ON ALL EQUIPMENTS AND MACHINERIES WITH TERMS & CONDITIONS APPLIED.



WE GAURAV ENGINEERING ARE ISO 9001:2015 CERTIFIED FOR MANUFACTURING & SUPPLY OF PROCESS EQUIPMENTS & MACHINERIES.



GeM
Government
e Marketplace

Efficient • Transparent • Inclusive

Reaction Vessel



A Chemical Reactor is a specially designed vessel used for carrying out chemical reactions, mixing, blending, dissolution, heating, cooling, and homogenization of liquids and semi-solid materials.

- Vessel type : Limpet coil & Jacketed
- Volume range : 20LTR. to 50KL
- MOC grade : S.S.316L & S.S.304
- Pressure range : ATM pressure to 20KG/CM3
- Temperature range : ATM Temp. up to 200Deg. celcius
- Design code : ASME standard.

Mixing Vessel



Mixing vessel are used in chemical process system to mix multiple liquid together to create new compound or product

- Volume range : 20LTR. to 50KL
- MOC grade : S.S.316L, S.S.304L & M.S
- Pressure range : ATM pressure to 20KG/CM3
- Temperature range : ATM Temp. upto 200Deg. celcius
- Design code : ASME standard.

Storage Vessel



Storage vessels are big containers, often cylindrical & Cuboidal that are designed to hold large quantity of liquids or gases.

- Vessel type : Vertical, Horizontal & Conical shapes
- Volume range : 5LTR. to 100KL
- MOC grade : S.S.316L, S.S.304L & M.S
- Support type : Saddle, Bracket or Leg support
- Design code : ASME standard.

Ribbon Blender



Ribbon blender are equipment used for mixing powder and granular based products thoroughly with the help of helical ribbon type blade.

- Volume range : 50kg to 4,000kg
- MOC grade : S.S.316L, S.S.304L & M.S.
- Customization available as per client requirement.
- Semi automatic and fully automatic models available.

Dough Mixture



It is an Machinery used for mixing of wet powder for preparing homogenous dough with help of paddle type blade.

- Volume range : 50kg - 4,000kg
- MOC grade : S.S.316L, S.S.304L & M.S.
- Customization available as per client requirement.
- Semi automatic and fully automatic models available.

Vibro Sifter



A Vibro sifter is a machine that sifts or separate different material according to different sizes by using the principle of gyratory vibration.

- G.M.P Models provided
- Size range : Screening Dia - 30", 36", 48" & 60"
- Smooth and noiseless operation at high speed
- Easy dismantling and cleaning facility for contact parts.

Homogenizer pump



Homogenizer is a positive displacement pump. When coarse or large particles are passed through a narrow orifice under high pressure, The large particles is converted into fine particles.

- Flow rate : 100-150LPM
- MOC grade : S.S.316L & S.S.304L
- Customization available as per client requirement.
- Semi automatic and fully automatic models available.

Pilot Plant



A Pilot plant is a small scale model that converts a Lab - scale formula into a commercial product by developing a reliable and practical manufacturing technique.

- Volume range : 5LTR. to 0.1KL
- Type : G.M.P Models provided
- MOC grade : S.S.316L & S.S.304L
- Design as per ASME / BPE Standards.

Screw Conveyor



It is used to convey bulk material from one position to another(vertically, Horizontally or at an incline) and are one of the most reliable methods of conveyance.

- MOC grade : S.S.316L, S.S.304L & M.S.
- Designed to ensure smooth operations
- Jacketed designs to heat or cool the material during conveying
- Cantilever screw design.

Dyno-Mill



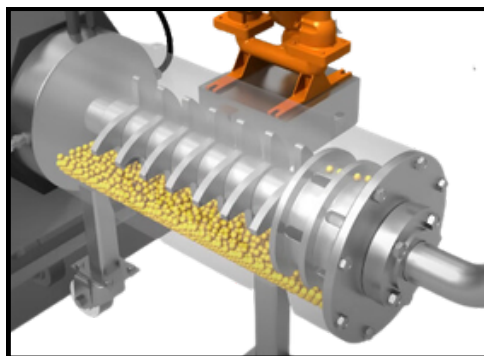
Dyno mill is a agitator bead mill with horizontal grinding chamber for dispersion and finest wet grinding in a completely enclosed system .

- Volume range : Lab grade to High production scale
- Semi automatic and fully automatic models available
- Easy operation and easy to service.
- Highest efficiency achieved with hassle free operation.

OUR MODELS

G.E SERIES

MODEL NO.	CAPACITY	MOTOR	OUTPUT
G.E.D.M-01	1L	2HP	LAB SCALE
G.E.D.M-15	15L	10HP	75-100KG/HR
G.E.D.M-30	30L	20HP	150-200KG/HR
G.E.D.M-60	60L	30HP	300-350KG/HR
G.E.D.M-100	100L	60HP	500-600KG/HR



Fluid Bed Dryer



Fluid Bed Dryer is an machine that is use extensively in the bulk industry to reduce the moisture of powder and granular products.

- Volume range : 30Kg to 300Kg
- M.O.C : GMP & Non-GMP
- Output : 50kg/hr. to 1000kg/hr.
- Heating media : Steam coils, diesel & LPG kits provided
- Semi automatic and fully automatic models available
- Electrical panel with complete instrumentation
- Smooth and noiseless operation achieved.

OUR MODELS

G.E SERIES

MODEL NO.	CAPACITY	MOTOR	OUTPUT
G.E.F.D-30	30KG	5HP	80-100KG/HR
G.E.F.D-60	60KG	7.5HP	150-200KG/HR
G.E.F.D-120	120KG	15HP	350-400KG/HR
G.E.F.D-180	180KG	20HP	550-600KG/HR
G.E.F.D-300	300KG	30HP	900-1000KG/HR



Basket Extruder



A Basket Extruder Machine is a high-performance size reduction and extrusion system designed for processing wet masses, granules, and semi-solid materials into uniform extrudates.

- Diameter range : 10", 14", 16" & 18".
- Uniform extrusion pressure across entire screen area
- Easy dismantling for cleaning purpose
- High yield and improved flowability
- Semi automatic and fully automatic models available
- Smooth and noiseless operation achieved.

OUR MODELS



G.E SERIES

MODEL NO.	CAPACITY	MOTOR	OUTPUT
G.E.B.E.-350	14"	15HP	80-100KG/HR
G.E.B.E-400	16"	20HP	150-200KG/HR
G.E.B.E-450	18"	25HP	250-300KG/HR



Suspension Concentrates (S.C PLANT)

- LIMPET/JACKET HIGH SPEED VESSEL
- HOMOGENIZER PUMP
- DYNO-MILL
- SLOW SPEED MIXING VESSEL
- BUFFER TANK
- GUM MIXER
- WATER CHILLER



Water Dispersible Granules (W.D.G PLANT)

- RIBBON BLENDER
- DOUGH MIXTURE
- BASKET EXTRUDER
- FLUID BED DRYER
- VIBRO SIFTER



Emulsifiable Concentrate (E.C PLANT)

- **SLOW SPEED MIXING VESSEL**
- **SPARKLE FILTER**
- **STORAGE/HOLDING VESSEL**
- **TRANSFER PUMP**



Herbicide Plant

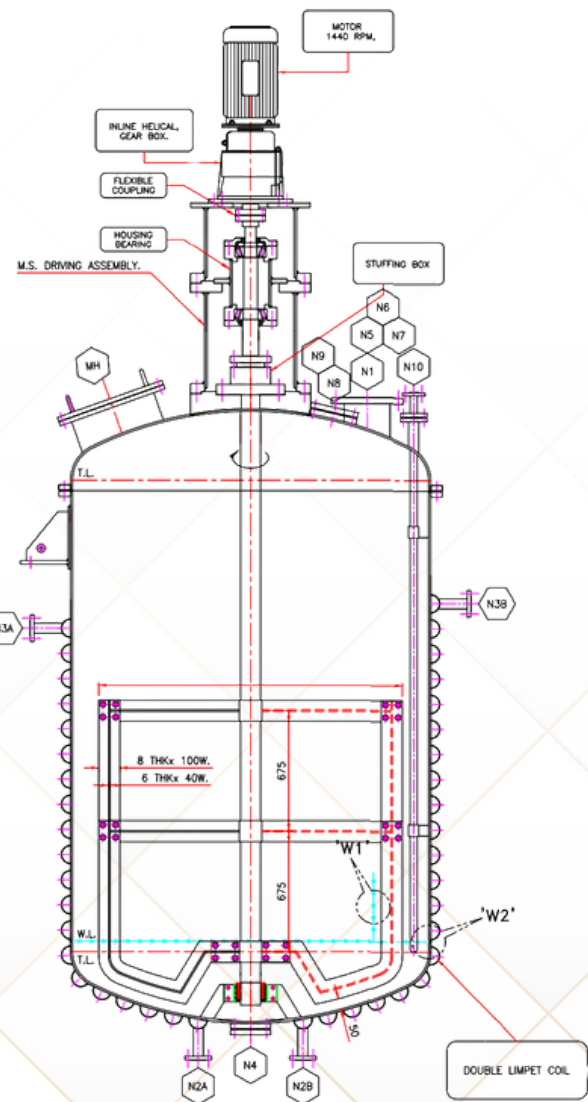
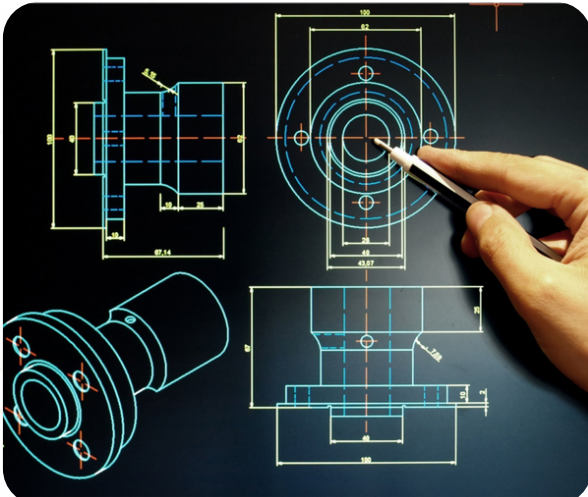
- **MIXING VESSEL**
- **HOLDING VESSEL**
- **TRANSFER PUMP**





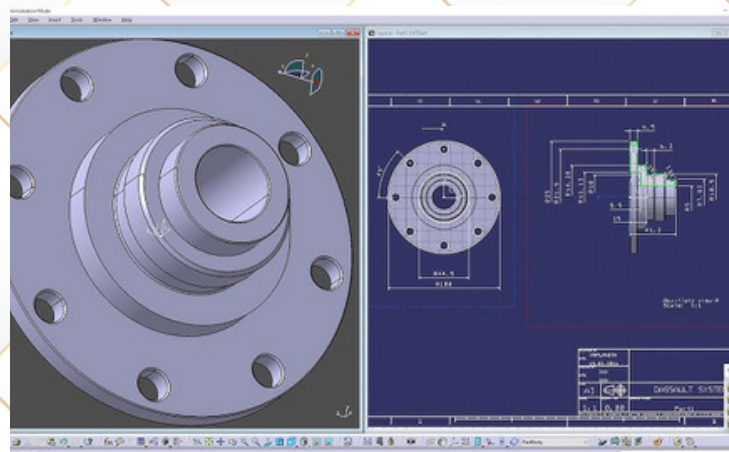
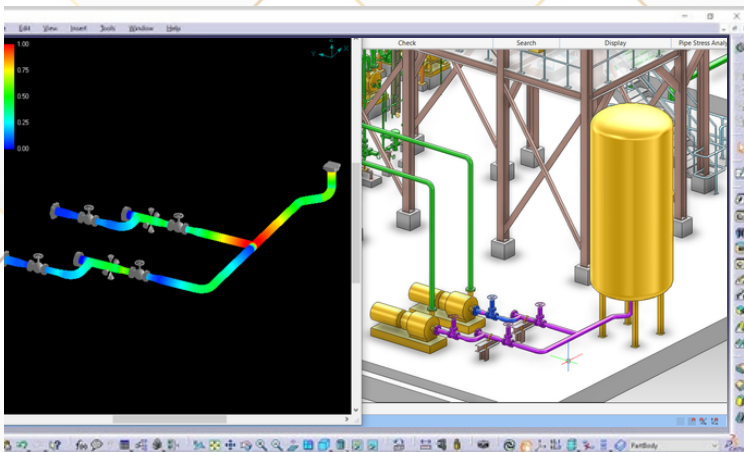
2D AUTOCAD DESIGN

1. BLUEPRINT CREATION
2. DETAILED DRAFTING
3. MECHANICAL COMPONENTS
4. PLANT LAYOUT



3D CATIA DESIGN

1. IT IS USED TO CREATE 3D MODELS.
2. BETTER VISUALIZATION FOR FINAL PRODUCT.
3. SIMULATE THE FINAL PRODUCT UNDER VARIOUS CONDITIONS.
4. ANALYSIS







Engineering Solution
& Fabricator

GAURAV ENGINEERING

GET
IN TOUCH



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