



An ISO 9001 : 2008 Certified Company

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Volcano Flexi Tech Industries

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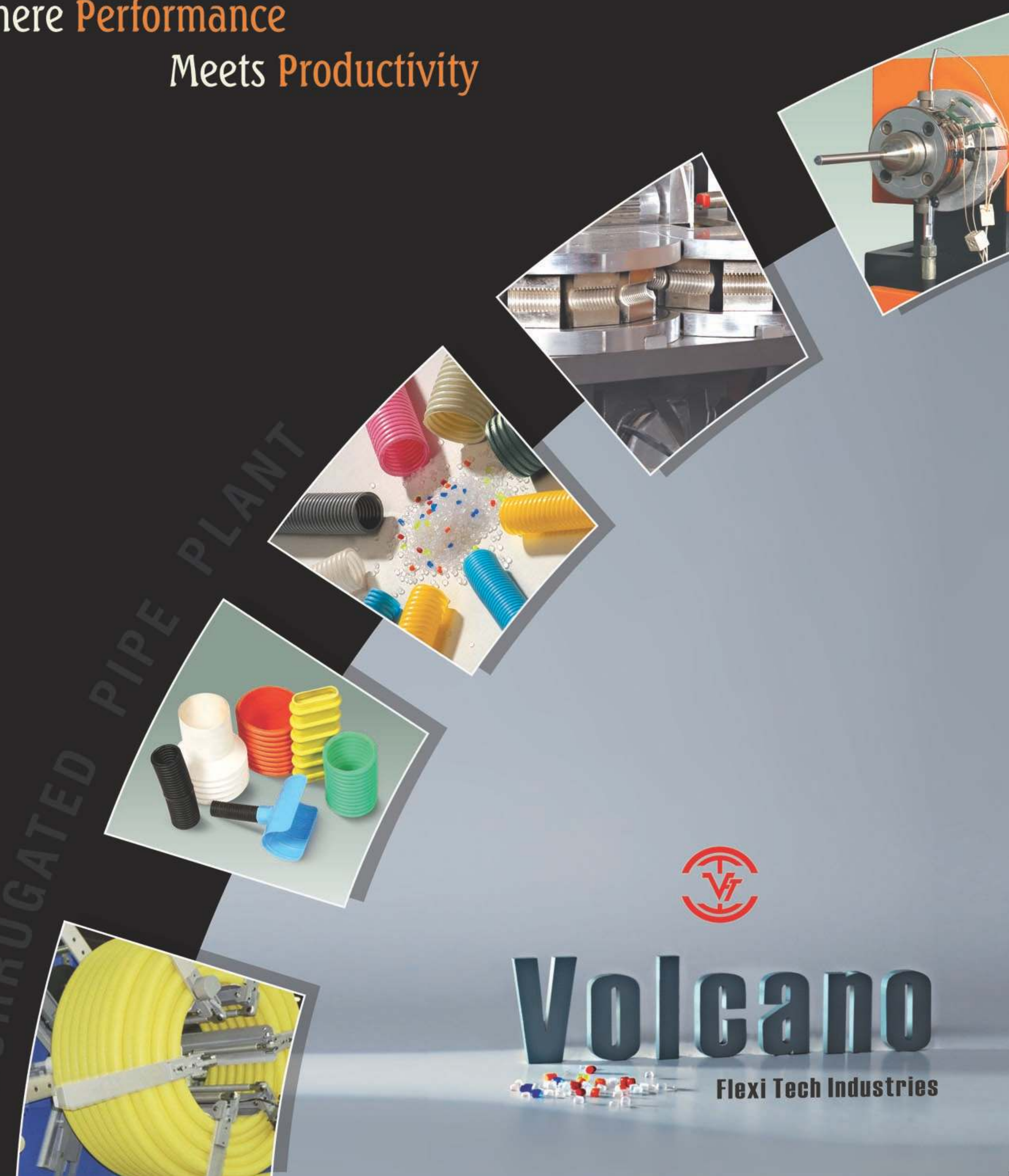
Website : www.corrugatormachines.com
www.volcanoflexitech.com
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CORRUGATED PIPE PLANT



Where Performance
Meets Productivity

CORRUGATED PIPE PLANT



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A Smooth Technology for Corrugated Resultant

In the new millennium people are becoming more demanding. They want flexibility, more value, cost effectiveness without compromising on quality, aesthetics and functional benefits. Burning problem of world is conflict !!!! It cultivates with Rigidity & Dissipates with Flexibility !!!!

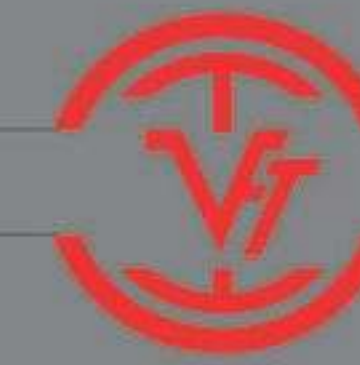
In plastic pipe & duct filed, here we are manufacturer corrugated pipe plant machinery in the name of Volcano Pipe Corrugator.

The best performance represent the intention to create best in constrained Environment.....

Achieved by innovation, commitment to quality, time to market, customer satisfaction.



Volcano Flexi Tech Industries



Volcano Flexi Tech Industries



World Demands Flexibility !!!

COMPANY PROFILE

VOLCANO AT CORRUGATION FILED

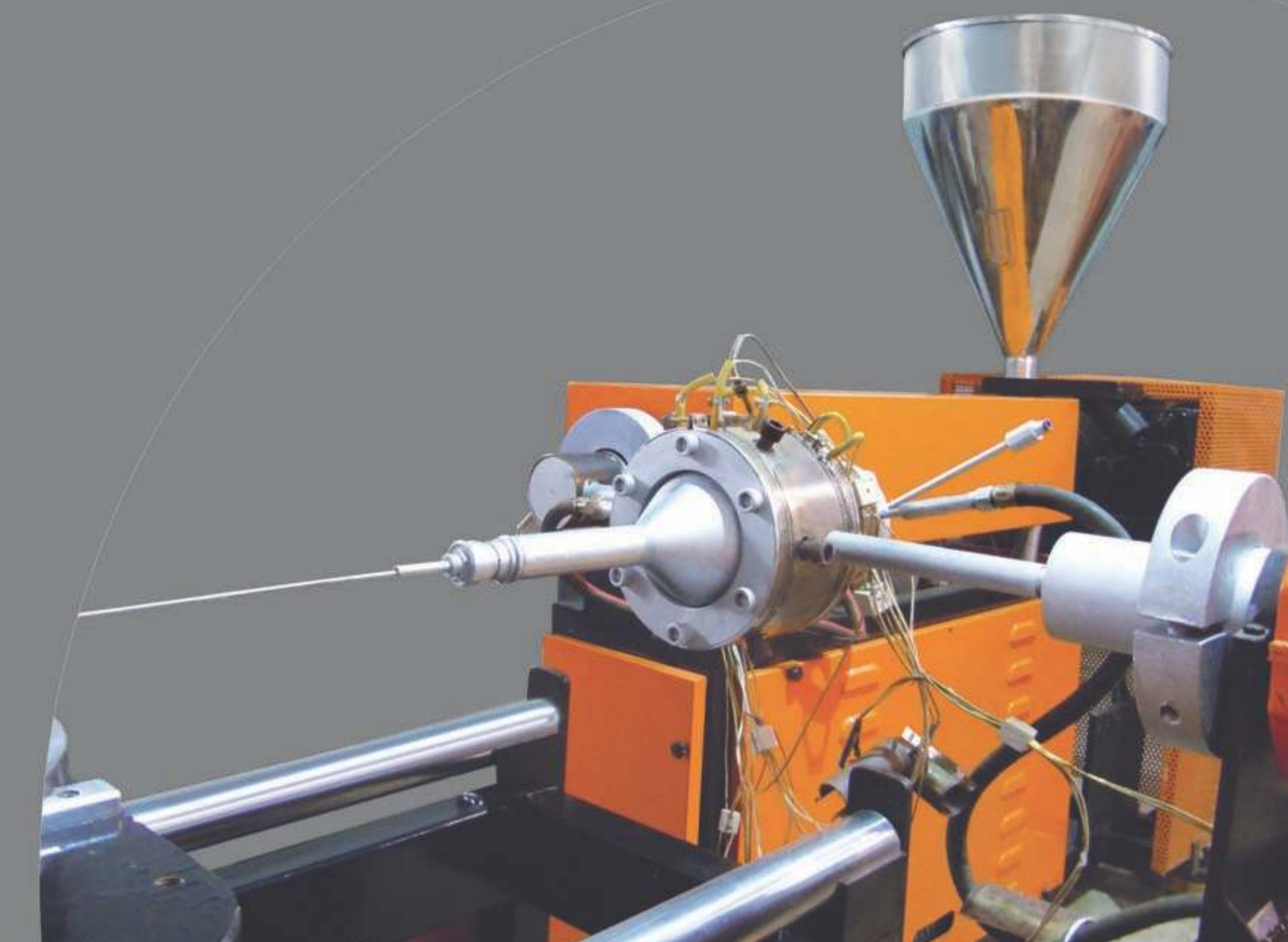
Volcano Flexi Tech Industries confront the changing criteria with positive and service parameters on every count to manufactures of Plastic Corrugator Pipe Machinery and Dies for Single wall & Double wall Corrugated pipe in our State of Art workshop. Our commercial production started in the year 1997 & a continual aspect of our operations aim for at fulfilling customer expectations through R & D which provides our Pipe corrugator customers to increase a profitability.

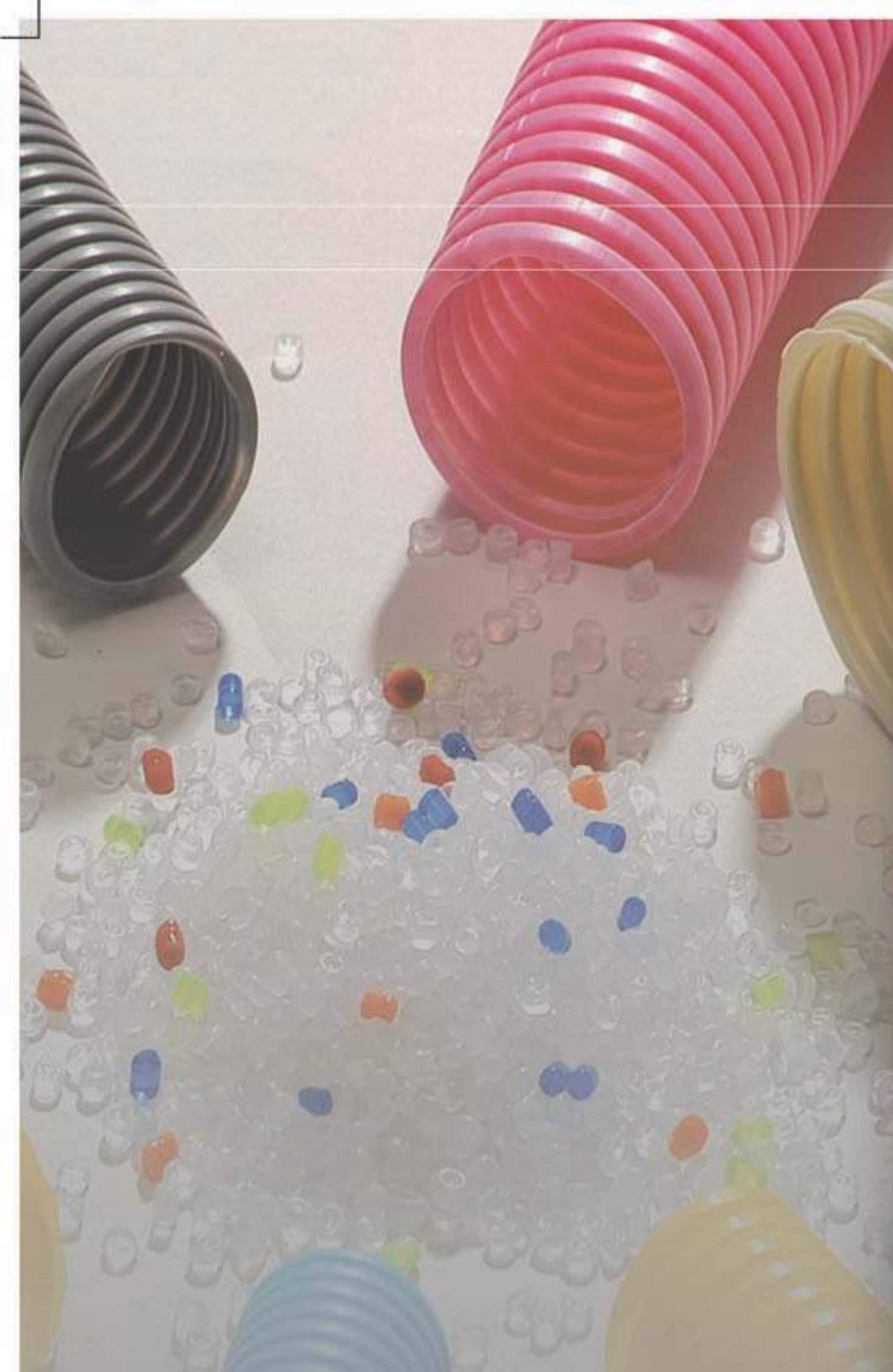
We are in live contacts with eminent Plastic Technology Institutes - Laboratories and Raw Material Manufactures to strengthen our techno marketing perspective of Products. Volcano is a team of professionally qualified executives with market - perspective eyesight to fulfill our organizational objectives, mission & goals. At Volcano, we fully concentrate on key areas like :

- * Research & Development on Technical Upgradation of existing & New Products.
- * Synchronized Equilibrium of Advance Manufacturing Technologies by Mechanical, Electrical, Electronics, Plastic processing & Cooling Instruments.
- * Technological Mould Design to accompany Cost Effective Plastic Processing.
- * New development & Rectification of shop floor difficulties during design stage.

We are following universal method of standardization, for our products-component design, its manufacturing to maintain qualitative out put.

Volcano Pipe Corrugator is brilliant future of customer.





A PIPE FROM PLANT

Volcano manufacture corrugated pipe plant with optimum engineered design, accurately machine parts, close modular, compactness, aesthetic base & latest ergonomics. Ease to change mould blocks of different pipe size gives the plant operational simplicity.

Low routine maintenance cost, Less power consumption, Quick after-sales services gives finishing touch to a top-of-the-line finished product from our pipe corrugation plant.



**Compact
Flexible
Powerful**
For Success Choose the Best



PLANT RANGE

Single wall corrugated pipe in two sizes viz :
OD: Ø10-50 mm & Ø50-150 mm we can design
& supply customize corrugated pipe plant other
than our above regular demand sizes.

SIZE OF PIPE	: From 10mm to 50mm Diameter.
DRIVE FOR CORRUGATOR	: 3HP, 3 Phase 415±5 Voltage Gear Motor (Standard Make).
VARIABLE SPEED DRIVE	: 0.5m/min to 15m/min speed variable depend on size & output of extruder with emergency stop arrangement.
LUBRICATION SYSTEM	: Centralized lubrication system used to give specific pulse at specific place to easily side with low friction.
COOLING SYSTEM	: Inbuilt cooling channel with brass fitting of inlet & outlet connection for chilled water.
AIR CHILLER	: Used as additional air cooling for better finish & output.

Pipe manufactured using Volcano Corrugation plant offers following distinctive privileges :

Raw Material Economy	: Weight of rigid pipe & corrugated pipe in hand is self-explanatory ! Ease of Handling & Packing Lighter weight of pipe makes handling, packing & transportation, easy & cheap.
Strength	: Pipes are impact resistive according to corrugation profile design.
Flexibility	: Compared to rigid pipes, corrugated pipes are easy to install.
Space Saving	: This pipes require less storage area, because of their flexibility & rolled-in coil form.
Rodent Proof	: For civil engineering purpose, their rat/rodent resistant feature works wonders.
Insulation	: These pipes are extensively used in electrical installations because of their insulation property.



CONTROL PANEL

Volcano is supplying state-of-the-art Control Panel along with machine to govern & synchronize key process parameters of process sequence of in-line plant sectors, to products like AC Drives, Temperature Controllers, Length Counter & Lubrication Controller along with different Indicators, Meters & Control Switches.

Control Panel provide the operations between major sections of plant & provide smooth Control for Extruder, Corrugator, Pipe Puller, Cutter & Coiler

SLITTER





CORRUGATOR



TOOLS & DIE :

Tailor-made mould can be design as per customer requirement depending on the use & application for different market segments :



COILER MOTORIZED



Volcano has developed adjustable gear motor operated two-spool winder, which winds pipe online. It winds pipe in coil from on spool as per out put available. Its extraction is made simply easy by umbrella design coil size can be of ID-Ø10", OD-Ø36", width-9" or as per customer requirements.

JOKEY



APPLICATION & USAGE :

ELECTRICAL INSULATIONS & CABLE PROTECTION :
Building, Machinery, Automotive.

EQUIPMENT IN USE :
Washing Machine, Sanitary, Vacuum Cleaners, Dish Washers, Medical Applications, Television, Telephone, Computer Line, Power Controls, Conveyers.

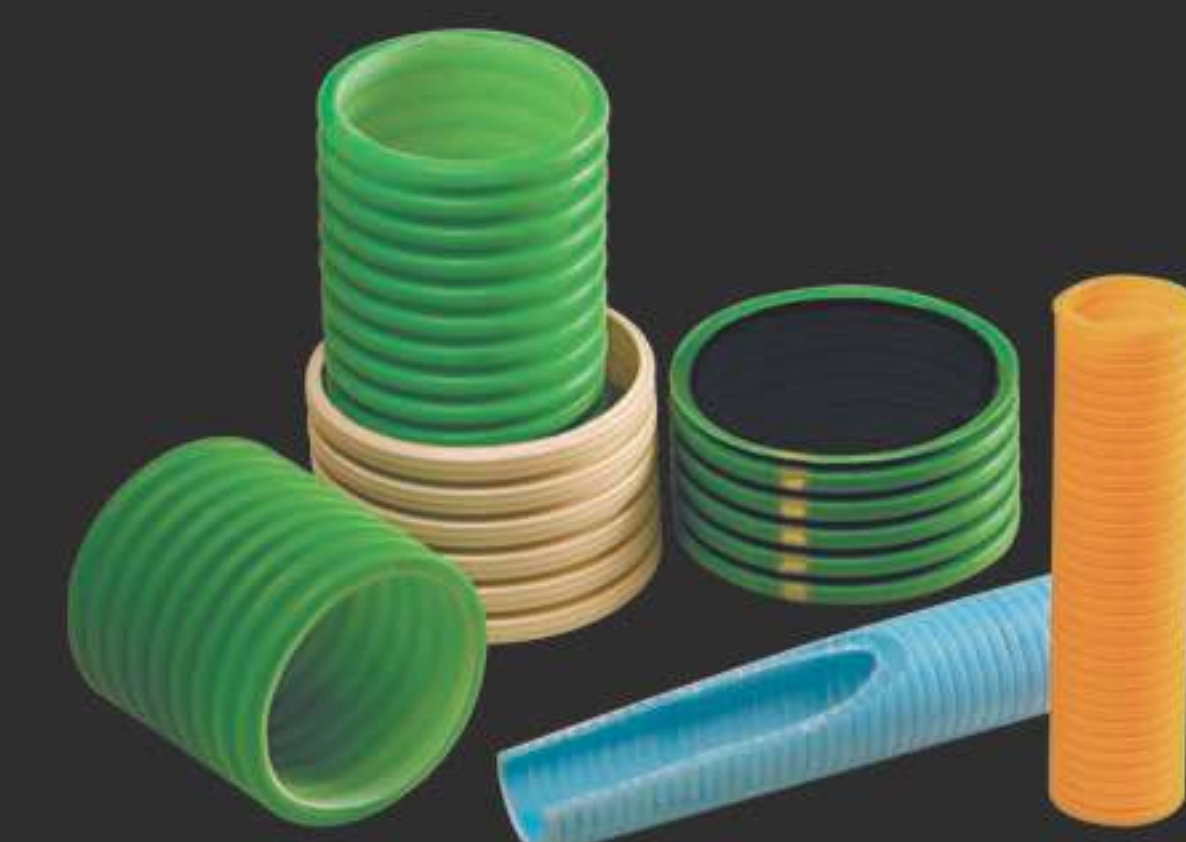
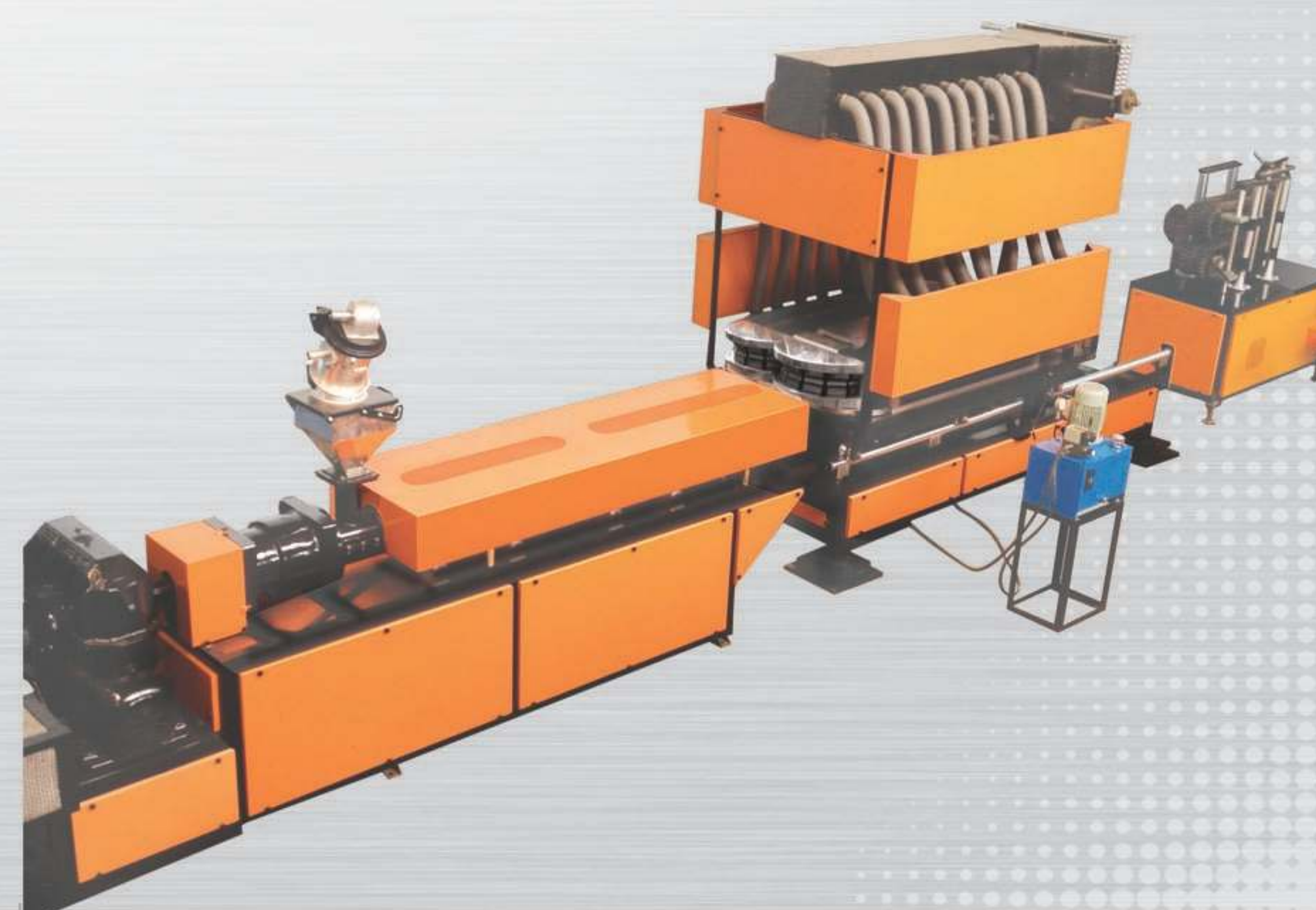
ALSO USED AS :
Decorative Bicycle, Drain Pipe, Structural, Civil Engineering, Air Conditioner Duct, Architectural use, Media in Bio Gas Plant, Drip Irrigation, Plantation, Field House.



DOUBLE WALL CORRUGATOR PIPE PLANT

To strengthen corrugated pipe for use in high pressure & high impact applications, Volcano have developed a mile stone double wall corrugator of marvelously crafted article of plastic technology. For similar material of inner & outer tube, single extruder is used with special die head, while for non-similar material of inner & outer tube, dual extruders with specific cross die head is used. Here inner tube protects & conveys material of inner at minimum loss of friction & pressure, while outer corrugation adds protective mechanical properties. Depending on material, welding junction zone of adjacent pipe surface gives additional strength like as of spiral-breaded design.

Double wall corrugated pipe plant consist of Extruder, Die Head, Corrugator, Cooling Tank, Puller, Cutter, Tilting.



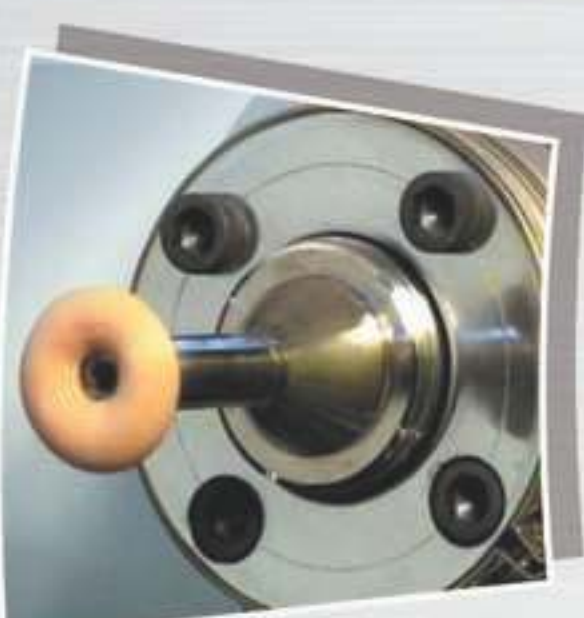
Volcano
Experience and
Innovation

DWC TOOLING



EXTRUDER

Extruder machines for double wall corrugated for to process two colour corrugated pipe in this system two combine in one Die head with help of adapter co-extruded proceed in same way in Corrugator Machine.



DIE HEAD



DIE HEAD

Die Head for double wall corrugated pipe is design with one extruder in same colour as well as with two extruders for two different colour.



CORRUGATOR



SIZE OF PIPE	: From 50mm to 150mm diameter.
DRIVE FOR CORRUGATOR	: 5HP, 3 Phase, 415±5 voltage gear motor. (Standard Make)
VARIABLE SPEED DRIVE	: 0.5m/min. To 10m/min. Speed variable depend on size & output of extruder with emergency stop arrangement.
LUBRICATION SYSTEM	: Centralized lubrication system used to give specific pulse at specific place to easily slide with low friction.
COOLING SYSTEM	: In built cooling channel with brass fitting of inlet & outlet connection for chilled water.
AIR CHILLER	: Used as additional air cooling for better finish & output.
LINE SPEED PER MINUTE	: 3 to 6 meter/min. Depend on size of pipe.

DWC PIPE

Advantage of Double Wall Corrugated Pipe is cost effective as it outer wall is corrugated make that light in weight with excellent high performance engineering mechanical properties, impact resistance, crush resistance, compression strength with high ring stiffness. Additional inner wall provide smooth surface which provide high flow efficiency due to less friction. It has got good corrosion resistance as well as easy inserting application e.g. cable.

Due to excellent junction method it has become leakage proof. It is easy to cut, handle & deliver for drain system.

It can be made from a wide range of blow-moldable or vacuum-formable thermoplastic materials including PE, HDPE etc. These pipes are used in various indoor, outdoor, underground applications like sanitary sewer system and other drainage application. Agriculture : Field drainage systems, irrigation, greenhouse drainage, land irrigation. Automotive : Heater/Defrosting air conditioning ducts, radiators & other house.Construction : In bridge & building cable ducts & conduits, heating & water pipe insulation ventilation air conditioning ducts, central vacuum duct work & hoses.



COILER



TOOLS & DIE

We design mould block as per engineering & manufacturing method. It is functionally suitable to use in working minimum maintenance with low cost.





Volcano wants to provide user-friendly, high precision and highly productive machinery for high profitability.



Volcano Corrugator is made with robust design, material & workmanship to supplement predetermined operational simplicity

OUR VALUED CUSTOMERS

VOLCANO PIPE CORRUGATOR HIGH QUALITY MACHINE GIVE BEST PRODUCTIVITY TURN IN TO BRILLIANT FUTURE OF CUSTOMER

We honor our valued customers for their cardinal trust on our products & organization. Few of them are.....

Global Connection



In Mother Country 56 plants

in Other Countries

Cameron	2 plants
Dhaka, Bangladesh	1 plant
Dubai, U.A.E.	4 plants
Sarajaha, U.A.E.	2 plants
Ho Chi man City, Vietnam	2 plants
Taipei, Taiwan	1 plant
Greece	2 plants
Morocco	2 plant
Portugal	1 plant
Yemen, Roy	1 plant
Saudi Arabia	2 plants
Nigeria	1 plant
Brazil	1 plant
United Kingdom	1 plant
Poland	1 plant
Kenya	1 plant



All ancillaries perfectly participates with synchronized equilibrium of advanced manufacturing.



Our engineering team offer advice, development, testing & service efficient machine utilization and consistent quality of corrugated pipes plants. These are the best result of Volcano Corrugator.

Note :
Due to Continuous Development Policy at Volcano Flexi Tech Industries Change May be Incorporated without notice.



One of the top priority for Volcano is to serve better all the time by continuous R & D and adopting customer's feed-back and needs, volcano provide user-friendly, high precision and highly productive for high profitability & cost competitiveness pipe corrugators are only way to meet our customer's growing needs and requirements.