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

World Demands Flexibility !!!

COMPANY PROFILE

VOLCANO AT CORRUGATION FILED

Volcano Flexi Tech Industries confront the changing criteria with positive and service parameters on every client to manufacturers 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 Manufacturers 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, missions & goals. At Volcano, we fully concentrate on key areas like:

* Research & Development on Technical Upgradation of existing & New Products.
* Synchronized Equiment 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. Easy 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.

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 an 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 resistant 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 section, to products like AC Drives, Temperature Controllers, Length Counter & Lubrication Controller along with different indicators, Motors & Control Switches.

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

Built to cater to the user requirement for different applications.

COILER MOTORIZED

DOUBLE WALL CORRUGATOR

APPLICATION & USAGE:

Cable Protection, Agriculture, Medical Applications. Telecommunications, Construction, Rail, Electrical, Power & Cable Protection.

VOLCANO TOOLING

Experience and innovation
**EXTRUDER**

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

**DIE HEAD**

**CORRUGATOR**

<table>
<thead>
<tr>
<th>SIZE OF PIPE</th>
<th>From 50mm to 150mm diameters</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRIVE FOR CORRUGATOR</td>
<td>3 Phase, 415 ± 5 voltage gear motor (Standard Make)</td>
</tr>
<tr>
<td>VARIABLE SPEED DRIVE</td>
<td>0.05 m/min. To 10 m/min. Speed variable depend on size &amp; output of extruder with emergency stop arrangement.</td>
</tr>
<tr>
<td>LUBRICATION SYSTEM</td>
<td>Centralized lubrication system used to give specific lube at specific place to easily slide with low friction.</td>
</tr>
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<td>COOLING SYSTEM</td>
<td>In-built cooling channel with brass fitting of inlet &amp; outlet connection for chilled water</td>
</tr>
<tr>
<td>AIR CHILLER</td>
<td>Used as additional air cooling for better finish &amp; output</td>
</tr>
<tr>
<td>LINE SPEED PER MINUTE</td>
<td>3 to 6 meter/min. Depend on size of pipe</td>
</tr>
</tbody>
</table>

**DWC PIPE**

Advantage of Double-Wall Corrugated Pipe is cost effective as its 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 of 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: interior/Exterior 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

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.

We design mould block aper 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.

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 Pipe Tech Industries Change May be Incorporated without notice.

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:

In Mother Country 56 plants

In Other Countries

Cameroon 2 plants

Dhaka, Bangladesh 1 plant

Dubai, U.A.E. 4 plants

Sarjah, U.A.E. 2 plants

Ho Chi minh 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

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 profitablity & cost competitiveness pipe corrugators are only way to meet our customer’s growing needs and requirements.