# Technocom Ventures

"When you Need Performance"



ASTRAL PIPES

ANJNEY®

SMC®

CNP India

POSITIVE

TOSHIO®

CREST INDUSTRIALS

KITZ

ArCh Enviro®

# ABOUT US

With over **30 years** of experience in the design, sales, and service of engineering solutions, we are a trusted techno-commercial team dedicated to delivering high-quality innovative products that meet the diverse needs of industries.

**Founded in 2012,** we initially focused on distributing industrial non-metallic piping materials such as **CPVC, UPVC, PPCH, PPR CT, PVDF, HDPE and LLDPE** catering to a wide range of critical industrial applications. Since then, we have expanded our offerings to include a comprehensive selection of engineering products such as all types of **valves, pumps, pneumatic components, tanks, gratings, bellows and other utility equipment,** ensuring the seamless day-to-day operation of plants.

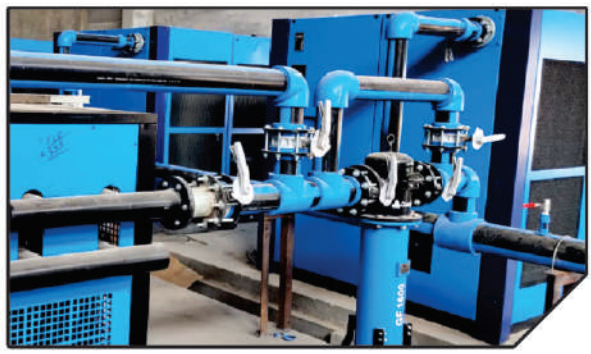
In line with our commitment to sustainability, we offer futuristic products like **screw presses, aspirator systems and submersible mixers** which are designed to optimize the performance of wastewater treatment systems.

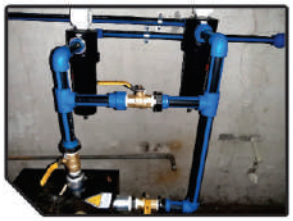
In addition to product supply, we boast a skilled and experienced team capable of providing installation, testing, and commissioning services for non-metallic piping systems, covering air, water, and chemical applications. **Our team** ensures full compliance with industry standards, whether for new installations or system upgrades. We are dedicated to delivering precision, reliability, and efficiency at every stage of the project.

**Our mission** is to provide reliable, sustainable, and effective solutions that not only meet the demands of the industry but also contribute to environmental conservation and responsible industrial practices.

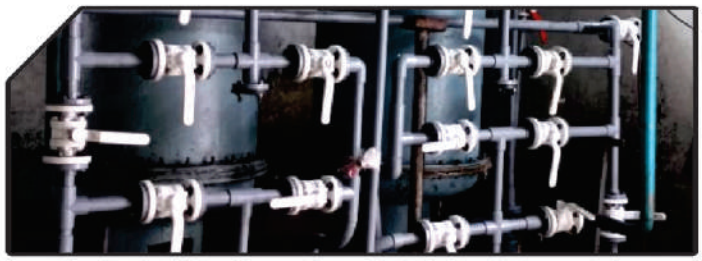
- 2012 — INCORPORATION
- 2013 — ASTRAL PIPES
- 2015 — ANJNEY®
- 2017 — CNP India
- 2019 — CREST INDUSTRIALS, KITZ
- 2023 — ArCh Enviro®
- 2024 — SMC, POSHVE

# INSTALLATION GALLERY








**SMC** offers an extensive range of 12,000 different products with over 700,000 variations to cater to diverse customer needs.

## AIR CYLINDERS



Compact Cylinder



Rodless Cylinder



ISO Cylinder



Guide Cylinder

## PRESSURE CONTROL EQUIPMENTS





Filter, Regulator, Lubricator





Electro Pneumatic Regulator



Booster Regulator

## DIRECTIONAL CONTROL VALVES



5/2, 3/2
Solenoid Valve & Gang



4/5 Port Solenoid Valve
& Gang with D-Sub Connector



Body Ported
Solenoid Valve



High Pressure
Solenoid Valve

## MISCELLANEOUS



Fittings & Tubings



Digital Pressure Switch



Digital Flow Switch



Refrigerated Air Dryer



ASTRAL CHEMPRO®

## ASTRAL CHEMPRO

- **Astral Industrial Grey CPVC Pipe and fittings** are specially manufactured for industrial critical applications of highly corrosive materials where conventional MS rubber lined pipe are being used. This pipes are manufactured as per ASTM standards (Iron Pipe Sizes) i.e NB. Installation of these pipes are very simple just like plumbing grade CPVC pipes i.e. by Solvent cement.
- **Size & Pressure Class:** Pipes, Fittings and Valves in from 15mm (1/2") to 300mm (12") in SCH 40 and SCH 80
- **Product Range:** Pipe(5m Length), Fittings, Strainers and Valves (Ball, Check, Butterfly, Diaphragm) are in the manufacturing range.
- **Applications:** Ideal for handling highly corrosive material such as acids, alkali, RO, DM, cooling tower, ZLD and other areas having corrosion issues.
- **Features:**
  - High temperature resistance up to 93°C (intermittently 110°C)
  - Corrosion resistant
  - Easy, Fast and Cost effective installation through solvent cement
  - Chemical resistant
  - Low Thermal Conductivity
  - Low Friction Loss

## ASTRAL AQUARIUS+

- **Astral Industrial Grey UPVC Pipe and fittings** are ideal for industrial typical Water line applications as in industries most of the pipe lines are exposed to sun light where conventional plumbing pipes are not suitable. Pipe line for Cooling tower, Chiller where heat loss is a major concern apart from corrosion, Industrial Grey UPVC pipes are ideal as it have low thermal conductivity so less need of insulation as well as no effect of corrosion.
- **Size & Pressure Class:** Pipes, Fittings and Valves in from 15mm (1/2") to 300mm (12") in SCH 40 and SCH 80.
- **Product Range:** Pipe(5m Length), Fittings, Strainers and Valves (Ball, Check, Butterfly, Diaphragm) are in the manufacturing range.
- **Applications:** Ideal for water treatment plant, raw Water application where temperature is upto 55Deg C. Cooling tower, Chiller, ZLD and other areas having corrosion issues.
- **Features:**
  - Ideal temperature resistance up to 55°C
  - Safe material for drinking water
  - Easy and fast Installation through solvent cement
  - Fire and Chemical Retardant
  - UV Stabilized



ASTRAL Aquarius+®

## ASTRAL'S PRODUCTS RANGE

ASTRAL CPVC PRO®
Hot & Cold Water Plumbing System

ASTRAL Aquarius®
Piping System for Potable Water

ASTRAL DRAINMASTER® SUPERIOR SWR DRAINAGE SYSTEM
Piping for Drainage System

ASTRAL D-Rex
Double Walled Corrugated Underground Drainage System

ASTRAL AquaSAFE®
Piping System for Agriculture

WELD-ON IPS CORPORATION
Solvent Cement for Leakage proof piping

ASTRAL ADHESIVES
Adhesives, Sealants and Industrial Maintenance Products

ASTRAL FIRE PRO®
Piping System for Fire Sprinkler

ANJNEY®



PPCH®

## ANJNEY PPCH

- **Anjney PPCH Pipe and fittings** are used for all kinds of compressed air which is replacement for Metal Pipes (GI, MS, CI, SS and Aluminum). The Pipes and fittings are manufactured in DIN and ISO standard respectively. The Pipe is UV resistant which make it suitable to use it outdoor and under sunlight,
- **Size & Pressure Class:** Pipes and Fittings from 20mm (1/2") to 315mm(12") in PN 10, 16 and 20
- **Product Range:** Pipe (5m Length) and All types of Fittings
- **Applications:** PPCH is used for Compressed Air, Instrument Air, Vacuum Line, Nitrogen Air etc.
- **Features :**
  - Socket Fusion and Butt Welding through heating makes the piping leak proof
  - Higher MRS 125 grade of Raw Material supports in producing lower wall thickness with the same pressure application
  - Multi layered Glass reinforced technology gives it highest C Value and Least RA Value which supports smooth and fast flow.

## ANJNEY PPRCT

- **Anjney PPRCT Pipes and fittings** are replacement for traditional Metal Pipes (MS, GI, CI, SS) The Pipes and fittings are manufactured as per DIN and ISO standard respectively. The Pipe is UV resistant which make it suitable to use it outdoor and under sunlight.
- **Size & Pressure Class:** Pipes and Fittings from 20mm (1/2") to 315mm(12") in PN 10, 16 and 20
- **Product Range:** Pipe (5m Length) and All types of Fittings
- **Applications:** Chiller Line, Corrosive Chemical Line, Cooling Tower, ETP, DM, Raw Water Line etc.
- **Features:**
  - Temperature Handling from -5°C to 95°C.
  - Socket Fusion and Butt Welding through heating makes the piping leak proof
  - Higher MRS 125 grade of Raw Material supports in producing lower wall thickness with the same pressure application.
  - The middle glass fibre layer creates an insulation and that prevents the temperature loss in the piping.



PPRCT®

## OTHER NON METALLIC PIPES









We offer other non metallic Piping System such as PVDF, HDPE, PP, LLDPE etc. as per application requirements.

**Size:**
20mm to 630mm

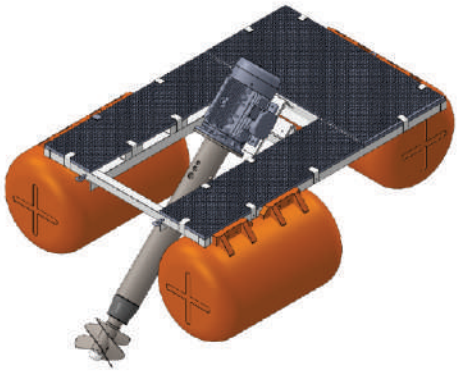
**Pressure Rating:**
PN10, PN16, PN20

**Fusion Technology:**
Socket Fusion, Butt Fusion, Electro Fusion

**Applications:**
Water Supply, Waste Water, Drainage Line, Irrigation, Chemical Processing etc.

ArCh Enviro®

## CYCLOXY ASPIRATOR



- First of Its' Indigenous Innovation in Aeration Technology – Patented Make in India High Performance & Advanced Jet Aspirator with Superior & enhanced Aeration Capabilities for Waste Water Treatment
- **The CyclOxy Aspirator** consists of specially design Air Jet Screw, hollow shaft, motor and housing. The Design of aspirator ensures that the motor and air intake is always above the water surface and the Air Jet Screw is always submerge in the water. As the air Air Jet Screw rotates, it induces a flow of Atmospheric Hollow Shaft air through the air intake ports on the shaft.

- **Features and Benefits:**
  - Uniform Dispersion
  - Mounting Arrangement: Fix/Float
  - No Gearbox, Less Maintenance
  - No Membranes – No Cleaning & Replacement
- **Specification:**
  - **MOC:** SS304/SS316
  - **Power:** 2HP to 60 HP
  - IE3, 4 pole, IP56 Motor, Class F

## PRESS SLUDGE DEWATERING MACHINE

- **Screw Dehydrator** are mechanically cleaned very fine sludge dewatering equipment used to separate sludge and water in sewage treatment plants. These are also ideal for effluent treatment plants of food processing, textile, pharmaceuticals, chemicals, sugar, breweries etc. Each unit is designed carefully as per inlet sludge characteristics based on the application.
- Each unit incorporates a sludge conditioning zone followed by inbuilt sludge thickening zone and dewatering press zone. Screw compresses the sludge and flexi plate offers water to drain out, enabling the separation process.
- This sludge is further compacted by screw and can be taken out in cakes with 75% moisture. Sludge can be further used as manure and can be sold to farmers.

**Specification & Features:**

- It uses stainless steel discs and screw as the medium.
- Inlet flow 1% concentration sludge: 0.5 cmh to 25 cmh.
- Material of Construction: Stainless steel 304/316
- Power requirement: 0.5 hp to 5 hp.



## MIXER

**Type:**
Submersible Mixer

**MOC:**
Propeller - SS316
Motors and gearbox - SS316 Cast iron
Lifting Arrangement - SS304
Manual Winch - MSEP

**Applications:**
It is used for water treatment by mixing of sewage with high content of solid and sand







POSI+VE



## DOSING PUMP

**Type:**
Plunger, Electronic Dosing Pump
Diaphragm (Hydraulically & Mechanically Actuated)

**MOC:**
SS304, S3316, Hastalloy B/C, Alloy 20,
PP/PTFE, Carbon Steel,

**Flow Range:**
up to 9782 Ltr/hr

**Pressure:**
Maximum 366 Bar

**Applications:**
- Waste water Treatment
  (Chlorination, pH Control, Flocculants & Coagulants)
- Chemical Dispensing, Corrosion Inhibition,
  Sterilization & Additive Application

## CENTRIFUGAL PUMP

CNP India

**Type:**
Single Stage, Multi Stage
Horizontal, Vertical
Single Phase, Three phase

**MOC:**
CI, SS304, S3316,

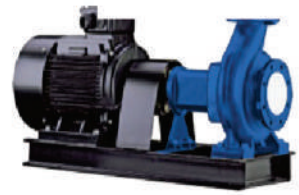
**Flow Range:**
0.4$M^3$/HR TO 240$M^3$/HR

**Delivery Head:**
Maximum 67 Bar

**Applications:**
It is used in every industries for
water & chemical application









TOSHIO®

## NON-CLOG SUBMERSIBLE PUMPS



**Type:**
Sewage pump, Cutter pump,
Grinder pump, Effluent pump, Mud pump

**MOC:**
CI, SS304, S3316,

**Flow Range:**
20LPM-24000LPM

**Delivery Head:**
Maximum 7.5 Bar

**Applications:**
Transfer of sewage & chemical water containing
suspended solids & industrial effluents

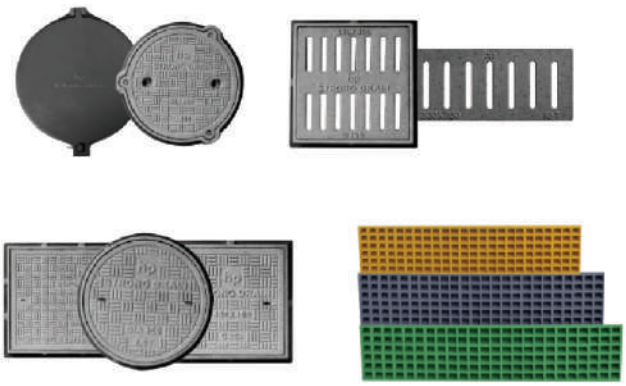
## VALVES & STRAINERS

**Type:**
Ball Valve, Gate Valve, Butterfly, Safety, Swing, Globe, Non Return, IBR and Non IBR Valves & all types of Strainers.

**MOC:**
CI, MS, SS304, SS316

**Applications:**
- Water • Air
- Steam • Oil





## FRP (GRATINGS & COVERS)

**Type:**
Manhole Cover, Water Gully Cover, Gratings, Water Tank Covers

**Weight Capacity:**
2.5 Ton to 40 Ton

**Applications:**
Used in Drainage System to Resist Corrosion and as flooring in harsh and wet environment

## MISCELLANEOUS PRODUCTS

- Bellows (Butyl, PTFE, EPDM, SS304, SS316)
- Hose pipe (Garden, Braided, High Pressure)
- Chemical Storage Tank
- Nut & Bolt
- Flange guard
- Clamps & Hangers
- Industrial Adhesive
- Gear & Screw pumps



Design.Dot 7987575949

# Technocom Ventures

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