



# ANUSHKA INDUSTRIES

Mfg. of Pulp & Paper Mill Machinery

[www.anushkaindustries.co.in](http://www.anushkaindustries.co.in)





## PULPER

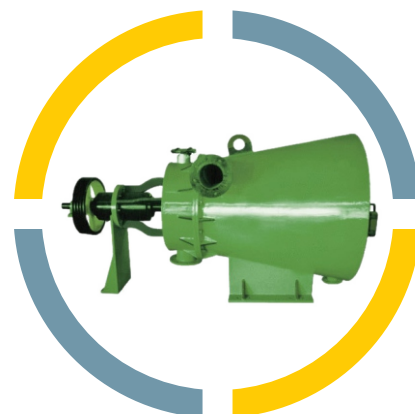
**Broke Pulper :** Dry end pulper and wet end pulper are included in this type of pulper. It is used mainly to dissolving broke from the machine.

**Hydra Pulper :** Hydra pulper is dynamically balanced. They can be classified as D-type Hydrapulper, Horizontal Hydrapulper, Vertical Hydrapulper, Drum Hydrapulper. D-type pulper is particularly design for dissolving old corrugated carton, boxes and mixed waste so that removes containment.

**D-type Hydra Pulper :** D Type Hydrapulper is mainly used to crush pulp board, wastepaper, deinking, and pulp purification. Through dissociating, D Type Hydrapulper can maximum make the paper's fiber dissociating into fiber bundles or single fibers, while at the same time, it can maximize maintain impurity's shape and strength.

## TURBO SEPARATOR

Turbo Separator is a waste paper processing equipment, it use the proportion differences of waste pulp and impurities, removing light and heavy impurities in waste paper, fiber separator also have function to relief and screening pulp. Anushka manufacture high quality turbo separator machine, adopt modern waste paper pulping technology, requirement on low power consumption, less wastage fiber, as much as possible under the condition of less dosage of chemicals and waste paper relief into fiber, and impurities( sand, nails, plastic film, cotton yarn, clippings, etc) to separate out.



## STOCK CHEST AGITATOR

Energy Efficient agitators find application in all type of pulp storage chests, including high density towers, mixing chest & machine chest.

### Salient Features :

| Agitator Size | Horizontal Chest |            | Vertical Chest |            | Vane Dia (mm) |
|---------------|------------------|------------|----------------|------------|---------------|
|               | Volume (M3)      | Motor (kW) | Volume (M3)    | Motor (kW) |               |
| AG 50/60      | 25-100           | 11-15      | 7-15           | 5.5-7.5    | 500/600       |
| AG 75/85      | 100-275          | 15-22      | 20-40          | 11-15      | 750/850       |
| AG 100/115    | 275-500          | 30-37      | 45-80          | 18.5-22    | 1000/1150     |
| AG 135/155    | 500-700          | 55         | 85-155         | 30-37      | 1350/1550     |
| AG 170        | 700-850          | 75         | 155-200        | 45         | 1700          |





## HIGH DENSITY CLEANER

Paper pulp High Density Cleaner for paper mill is a kind of cleaning equipment for high consistency purification of pulp, and it is an indispensable key equipment for waste paper recycling. It uses the difference in the proportion of fibers and impurities to separate heavy impurities from the pulp to achieve the purpose of purifying the pulp.

High Density Cleaner occupies a small area, has a large production capacity, is easy to operate, does not block the slag discharge port, has high purification efficiency and less fiber loss. It can effectively remove sand, stone, metal, glass and other heavy impurities, reducing subsequent equipment wear.

Range : 500Lpm, 1000Lpm, 1500Lpm, 2000Lpm, 2500Lpm, 3000Lpm, 4000Lpm,

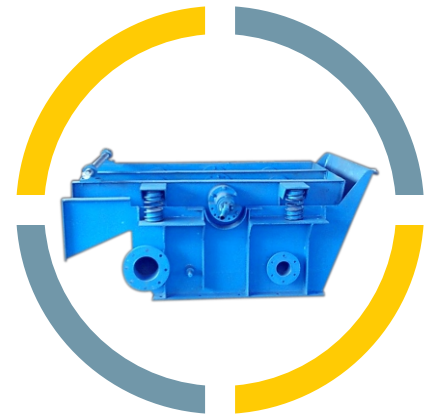
## VIBRATING SCREEN

### Application :

For coarse screen of different kinds of pulp like chemical pulp, semi-chemical pulp, mechanical pulp, thermo mechanical pulp (TMP), waste paper pulp, etc.

### Vibrating Screen Advantages :

- A reasonable design.
- Strong screening ability.
- Self-cleaning effect.
- High working efficiency.
- Energy saving.
- Low noise.
- Easy operation and maintenance.



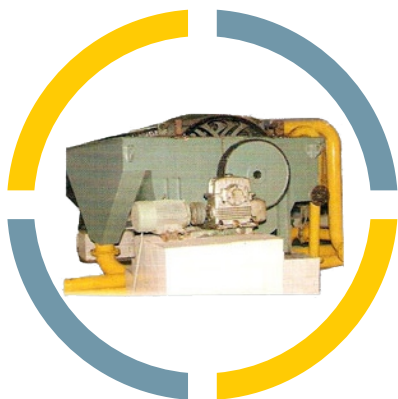
## ALL TYPE OF ROLLS

Over the many decades, we have worked on nearly every type of paper mill roll on both the repair and fabrication sides of the process. Some of the most common paper mill roll types we are making :

- Felt Roll
- Couch Roll
- Bamboo Roll
- Holy Roll
- Paper Roll
- Dancing Roll
- Worm Roll
- Press Roll Section
- Breast Roll



## DECKER THICKENER



### Salient Features :

- Decker Thickener compressing of CI/SS Moulds and MS/ SS Vat, are best suited for removal of excess water from stock
- Sizes vary from 2.00 mtrs to 3.00 mtrs depending upon the process capacity
- Input Consistency 1% out put consistency of 4%
- Minimum fiber loss due to modified cum washing purpose
- Constructed in SS 304 and SS 316 Material
- Driven with Variable Speed drive for setting the drainage of different of stock

## CENTRI CLEANER

### Salient Features :

- Effective removal of Sand, unbeaten paper chips hard Cooked fibers and other no fibrous heavy materials
- Low Fibre Rejection
- Low Pressure drop
- Fabricated from SS 304 and 316 Material
- Intel Tapered Headers with pulp valve in SS construction
- Available in 500 and 1000 LPM throughput
- Fibber recovery arrangement in Last Stage



## KNIFE GATE VALVE

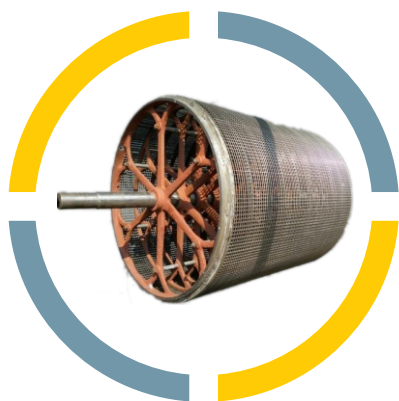
### Applications :

Pulp and paper, chemical, petrochemical, power, mining, waste water, food processing, and beverage where shut-off of liquids is required.

### Sizes :

DN 50/2" to DN 900/36" (larger diameters on request)





## CYLINDER MOULD

### Salient Features :

- Totally in Stainless Steel Construction.
- Suitable for Machine speed of 120 MPM
- Least Profile Variation
- Very good formation and sheet pickup of 3.5 GSM to 120 GSM
- Zero fiber loss due to rubber cord sealing.
- Better dewatering with Air suction on the wire.
- Adjustable Couch roll off center.
- SS Suction knife for removal of water at couch nip.

## PAPER MACHINE HEAD BOX

### Salient Features :

- Opening 1500mm to 5000mm
- Silent features of head box. Open type head box made out of 4-5 mm thick S.S. 304 plate.
- Tapered flow header for uniform velocity Conditions.
- Foam killing shower.
- Precision control for cross direction
- Profile adjustment.
- Easy accessibility of inside area for cleaning.
- Two holley rolls for good.



## WIRE PART SECTION



- Breast Roll Assembly
- Forming Board
- Multi Hydro Foils
- Single Hydro Foils
- Ultra Low Vacuum Box
- Low Vacuum Box
- Tri-Vac
- Bi-Vac
- Suction Box
- Baggly Box
- Couch Roll Assembly.
- Wire Return Roll Assembly.
- S.S.Cladded Wire Part Frame With Cantilever Frame

## PAPER PULP PRESS

### Salient Features :

- Press Section is designed considering the quality of the paper and board.
- High efficiency presses with coating on top and bottom roll with top felting arrangement for high speed.
- Presses suitable up to 200Kg. / linear cm are available.
- Heavy duty press up to the finished diameter of 1000mm are in regular supply.
- Heavy Duty framing with hydraulic or pneumatic loading system Wide nip press.



## POPE REEL



### Salient Features

- Pope Reeler is designed on the principle of friction Winding
- Primary grab Arm is Pneumatically / Hydraulically loaded and tilted Hydraulically mechanically with manual operation.
- Secondary arm is loaded Pneumatically / Hydraulically
- Pope drum is MS Fabricated and designed to with stand required High pressure and provided with Doctoring arrangement
- Framing is Heavy duty in Cast Iron construction

## VIBRO SCREEN

Vibro screens are a technically advanced and revolutionary product ideal for sifting, sieving, and separating solid materials such as granules and powders from liquids. We are a leading vibro screen manufacturer engaged in offering a wide range of vibro screens. Incorporating advanced and unique screening technology, our high-performance vibro screens are engineered to precision and delivered in adherence with industry quality guidelines.



## FOUNDRY PARTS

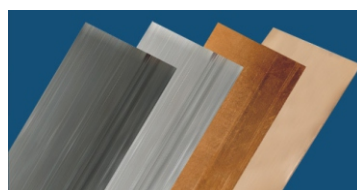
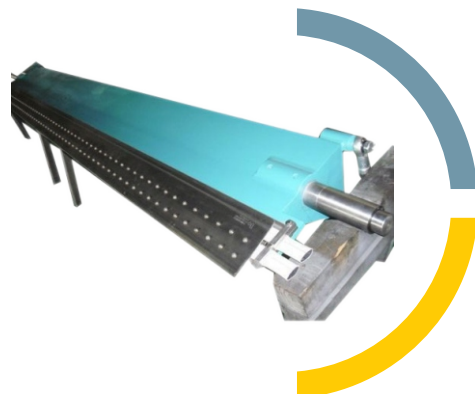
### Salient Features

- High efficiency wire part with Plain Couch roll.
- Drainage elements designed as per the Machine speed, Stock freeness and other properties.
- Auto or manual Wire guiding arrangement.
- Cantilever arrangement on framing for quick wire change.
- MS fabricated frame with 2 mm S.S. cladding.



## DOCTOR HOLDER

Anushka's doctor blade holders are designed and manufactured individually to secure perfect fit. The durable, lightweight and corrosion-resistant holders eliminate vibration, keep rolls and cylinders clean, and are easy to install and maintain.



## DOCTOR BLADES

- Epoxy Fibre
- P.B. Doctor Blade
- Polypick Doctor Blade
- Abrasive Fibre Doctor Blade

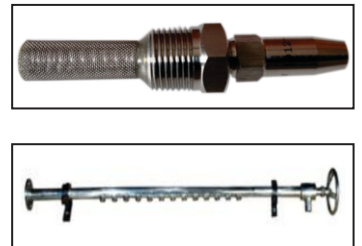
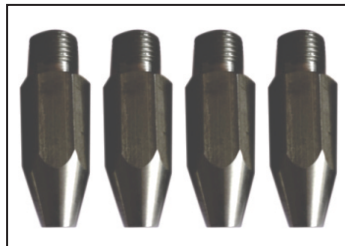
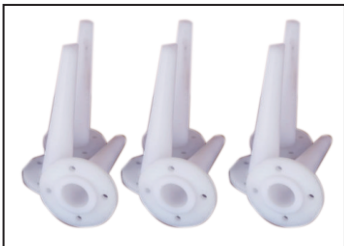
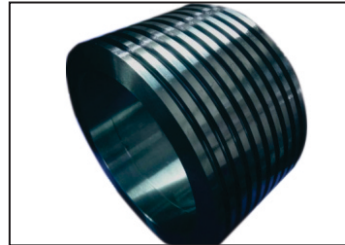
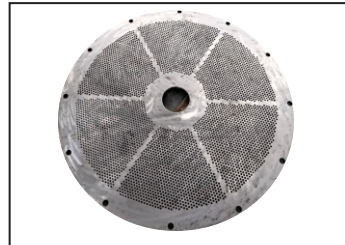
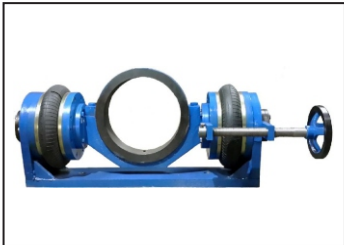
## DRYER SYSTEM



### Salient Features

- M.S (B.Q. Plate) Fabricated drying Cylinders with high evaporation rate
- Available in 4 feet, 5 feet and 6 feet diameter
- Shell thickness various from 25 mm to 36 mm
- Operating Pressure up to 4.5 Kgs Cm<sup>2</sup> and specially designed for higher working pressure up to 6.0 Kgs Cm<sup>2</sup>
- Suitable heavy duty framing in Graded Cast Iron and Mild Steel fabrication for the maximum coverage of paper at dryer
- Rope feeding system is provided for Machine speed over 200 MPM
- Dryer surface ground finish to Ra micron balanced dynamically to grade of 6.3 (ISO 1940)

## MACHINERY EQUIPMENTS



## VISION STATEMENT

Anushka's Vision is to Learn & Grow this by-line captures Anushka's culture :

It describes Anushka's products and services, which aim to delight customers by offering more comfort, safety and security. It expresses Anushka's corporate culture of merit and transparency. It defines the ethos of the people at Anushka, and how they want to see, learn and do more, in depth and detail. It aims to transcend the ordinary.

## GUIDING PRINCIPLES

All actions of Anushka are driven by the following guiding principles as per Our Consultant and Advisor **Mr. ASHOK SINGH.**

- Creation of value for Customer.
- Customer Satisfaction.
- Respect for Environment.
- Use of Facts.
- Continuous Improvement.
- Strengthening of Systems.
- Upgradation of Human Potential through Education and Training.
- Social Consciousness.



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