



SHREE AMBAJI INDUSTRIES

Department of Innovation



www.shreeambajiindustries.com

ABOUT US

Established in the year 2017, at (Ahmedabad, Gujarat), we, "**SHREE AMBAJI INDUSTRIES**" introduced ourselves as a leading manufacturer, trader and supplier of a precision engineering array of Industrial Machines and Spares. With immense experience and knowledge in this domain, we have come across with a wide variety of products that includes Auto Guide, Stretcher, Turbo Separator, Chest Agitator, Roller and Bearing Housing, Belt Shiftner, Top & Bottom knife, Centricleaner Bottle, Perforated Screen, Rotor etc. In order to ensure quality and avoid flawlessness, our products are manufactured from high grade raw material and contemporary technology in adherence to international quality standards.

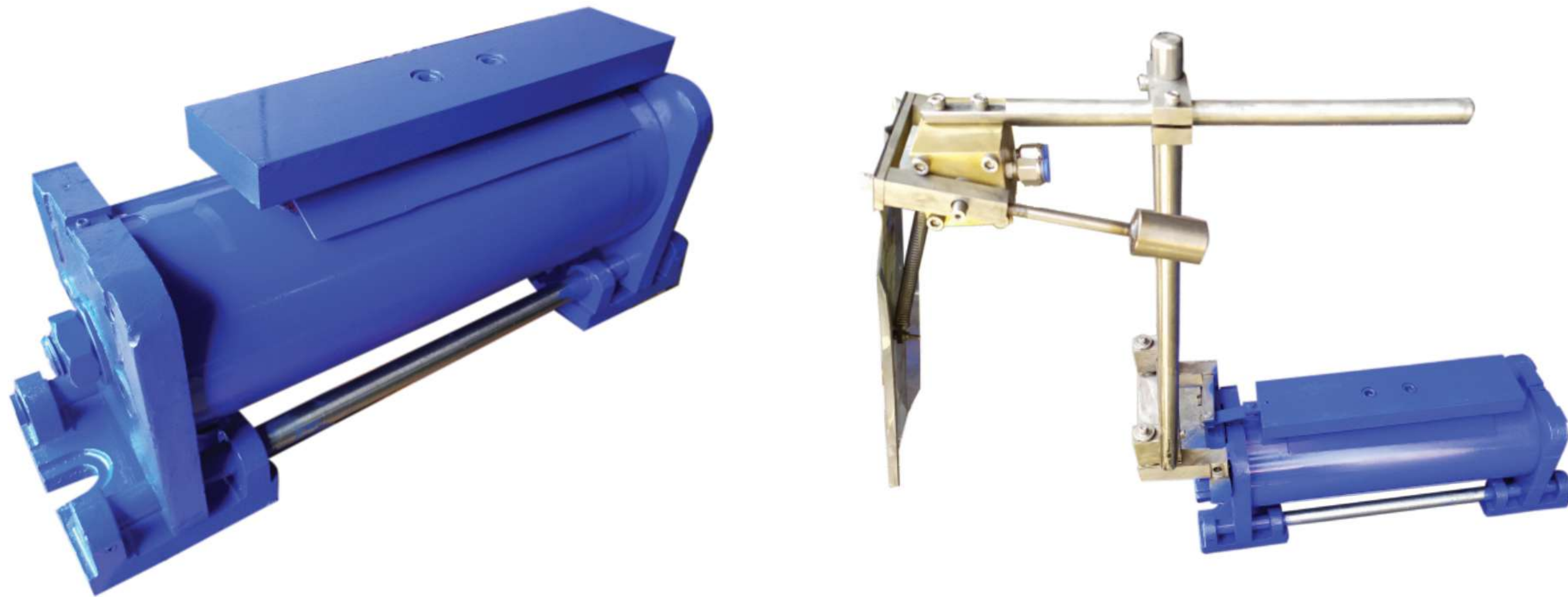
We highly acknowledged robustness, high performance, corrosion resistance, low maintenance and long service life of our products and services. These products are widely used pulp and paper industry to cut and shape the items in desired manner. Further, these products are available in diverse technical specifications and are specific in accordance to requirement of our clients at industry competent prices.

Our infrastructure facility is well equipped with latest manufacturing technology and contemporary machines. This unit assists us to enhance our productivity and meet challenges against the bulk requirement of the customers within agreed time frame. In addition, we have segregated our units into various sub-units such as production, quality testing, research & development and warehousing & packaging. All these units are supervised by highly skilled and experienced professionals which possess expertise in their respective domain. Our professionals put endless efforts to understand the specific requirements of our clients and produce products accordingly. Further, we have in house quality testing unit where our products are strictly tested against various quality parameters. Our spacious warehouse enables us to protect our finished products from all kinds of hazards.

Due to our strict approach towards quality, we have attained the trust and satisfaction of our esteemed customers. We have hired highly skilled and experienced quality experts who monitors the entire manufacturing process and other activities in the best possible manner. Apart from this, our quality controllers conduct strict test on our products against various quality parameters. Being a client centric firm, the primary aim of our organization is to attain utmost client contentment. Our team of skilled professionals puts endless efforts to produce only flawless products which suits the requirement of our clients. By following ethical business practices and maintaining transparency in all our deals, we have maintained long term relationship with our valued customers.

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PNEUMATIC AUTO GUIDE CYLINDER TYPE



Roller that are at an angle to the direction of fabric travel cause the fabric to drift laterally here the pivot point for the control roller is one of the two bearings at the ends. The control roller (Guide roll) is positioned at an angle around this point depending on the correction speed.

Felt & Wire auto guide systems are designed to keep the felt and wire running properly in the central of the roller over which it travels.

Salient Features :

- > The portion of the sensing palm that comes in contact with the fabric is fitted with a ceramic plate which gives a very long life to the sensor palm and also avoids any damage to the fabric due to wear on the sensor palm.
- > The auto guide systems are suitable for wires, felts & dryer fabrics.
- > Normal working pressure is 3.0 kg/cm²
- > Due to the proportional feedback system, it gives immediate response to any movement of felt/wire in the cross machine direction without over compensation.
- > It returns to central or present position in the event of air system failure
- > It has a built in manual adjustment system.
- > It is suitable for installation in any position horizontal, vertical, inclined or even upside down.

Advantage:

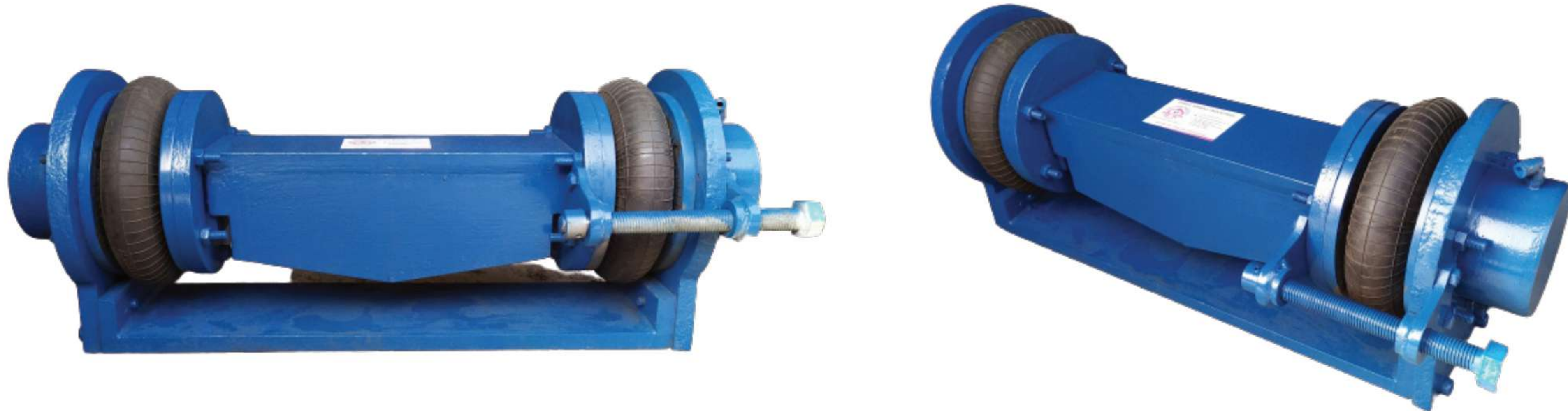
- > Low internal Friction which gives long life.
- > Robust & enclosed design.
- > Flexible mounting position.
- > Proportional feedback system for immediate & excellent guiding results.
- > Maintenance friendly.



our new brand
Atlanta

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PNEUMATIC AUTO GUIDE BELLOW TYPE



Felt and wire autoguide systems are designed to keep the felt / wire running properly in the centre of the roll over which it travels. If you lose control over your wire, felt or fabric, the cost incurred in damaged clothing is high and production loss makes such accidents even worse.

Installing the reliable and well proven automatic wire & felt guiding system is an easy and inexpensive way to avoid such problems. It comprises of an actuator and a pneumatic controller. The auto guide works without any sliding surfaces.

Features :

- > It has very few moving parts which leads to very nominal need for maintenance work.
- > The moving parts are fully enclosed for complete protection against water, fibre and dust.
- > It gives immediate response to any movement of the clothing in the cross machine direction without over compensation.
- > Very low consumption of compressed air normal working pressure is 3.0 kg/cm².
- > It can be installed in any position i.e. horizontal, Vertical, inclined or even upside down.
- > Easy to install and operated
- > No adjustment required before start up
- > Built in manual override.

Advantage:

- > Avoid fabric run off.
- > Optimize paper productivity
- > Minimize Fabric edge wear
- > Reduce Sheet breaks
- > Reach maximum fabric life.

MANUAL & ELECTRICAL STRETCHER



In Paper production, it is essential to ensure that the correct fabric tension is maintained if the tension is too high or too low this will adversely affect the quality and quantity of the output. Fabric tension control systems. (felt & wire stretchers) ensure that constant fabric tension is maintained during the production process.

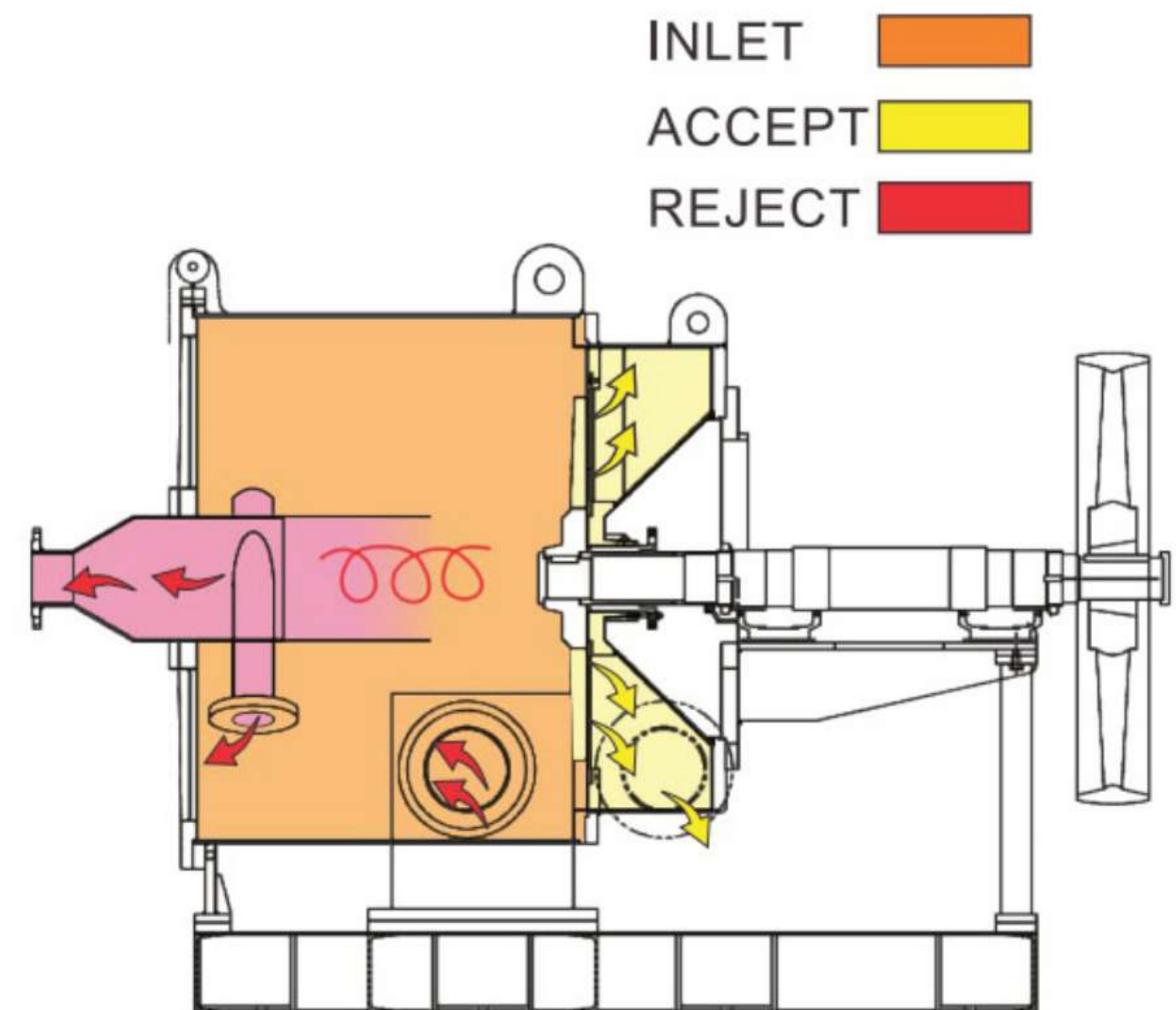
Felt Stretcher are available in Two Types :

- 1) Manual Felt Stretcher
- 2) Motorised Felt Stretcher

Felt Stretcher :

- > This felt stretchers are equipped with two worm & worm wheel type gearboxes connected by a cross shaft.
- > The two gliding brackets with the spindle nut are carrying the tension roll bearing assembly which are driven by acme threaded self locking spindle and are sliding on profiled pipes.
- > Customization can be done with the dimensions of spindle and the pipes as per the requirement.
- > Felt stretchers are available with working length from 800 mm to 2000 mm.
- > The Stretchers can be driven manually with handwheel, electrically with a gear motor.

TURBO SEPARATOR



*Due to constant research and development specifications are subject to change.

Application & Salient Feature

Shree Ambaji Industries Turbo Separator is a disc screen specially designed for coarse screening of primarily for pulp strainer with a high trash and flake content like recycled paper.

- Most suitable in screening of pulp slurries with high trash and flake content.
- Can be used as a secondary screen with a cylindrical screen in the first stage.
- Higher deflaking potential and ensures reliable operation.
- Online contaminants removal of both light and heavy rejects separately.

Working Principles

The Pulp stock is feed to inlet chamber through a tangential inlet. inlet chamber is also having heavy reject outlet and light reject outlet at the center of the chamber door. Between accept chamber and inlet chamber there is a screen with a rotor having several curved blades.

AGITATOR



Application & Salient Feature

SHREE AMBAJI INDUSTRIES agitators are designed for all kind of fibers in chests, tanks and storage towers up to a consistency of 5% in the propeller area.

For efficient mixing

- Effective agitation at low power consumption.
- All wet parts of stainless steel.
- Propeller is equipped with replaceable blades.
- Blade angles are adjustable.
- Guiding plate to increase efficiency (avoids rotation of pulp and reduces power consumption).
- Bearings are accessible from out-side and can be replaced without draining the chest.

Inbuilt Dilution Arrangement

SHREE AMBAJI INDUSTRIES Agitators are specially designed for inbuilt dilution arrangement. Dilution water directly fed into agitator body which will discharge in the centre of the agitator propeller zone, resulting in uniform and efficient dilution of stock before pumping.

ROLLER & BEARING HOUSING

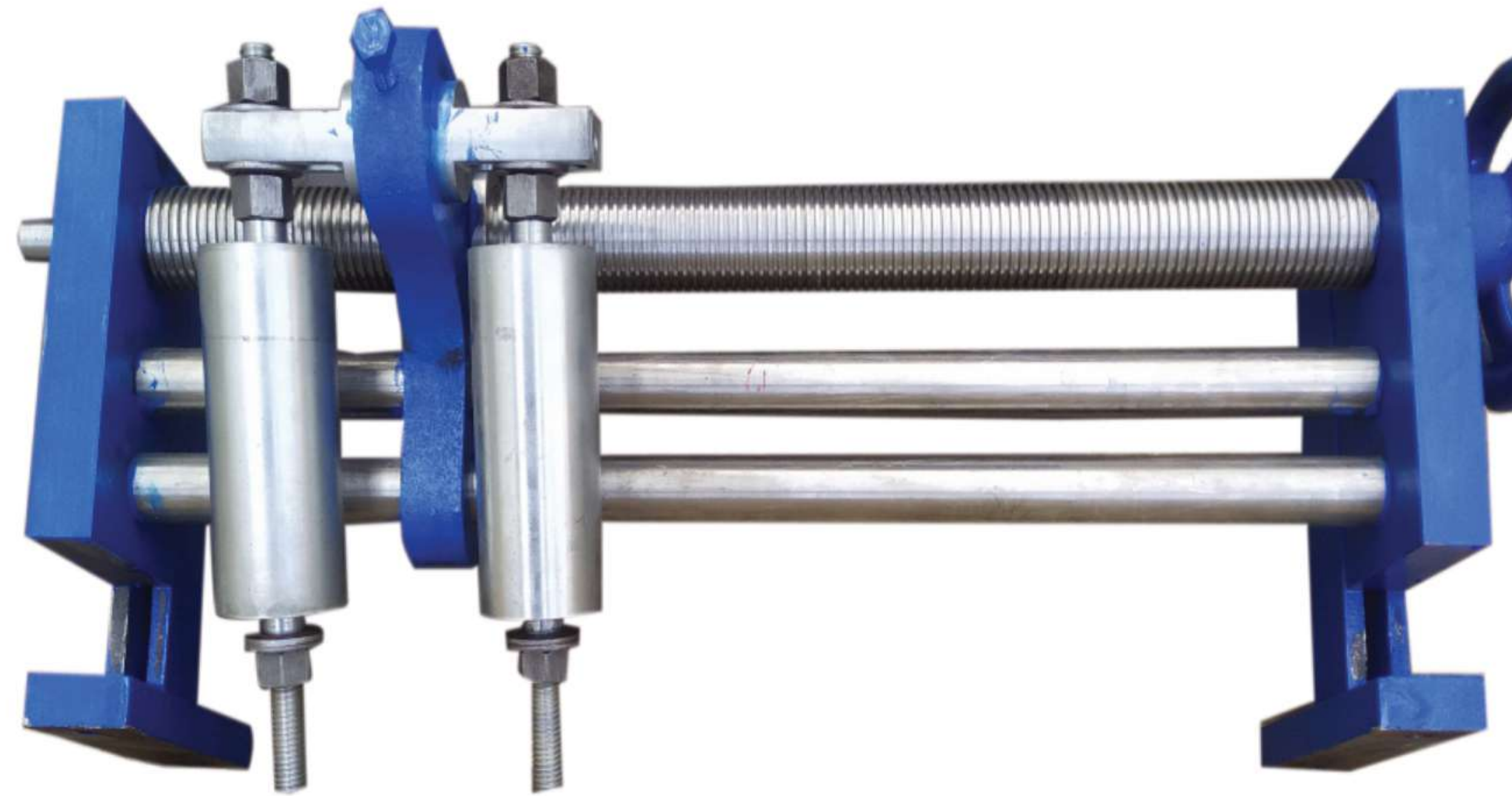


Ebonite Coated Rollers, Paper roller, Drum roll, drive roll, Aluminium paper roll, **Shree Ambaji Industries** Works products of rollers are factory-made using best raw-material from reliable vendors. We provide custom-made products as per the use and needs of specific clients. **Shree Ambaji Industries** manufacture wide-ranging range of roller they are dimensionally precise avail in different sizes, shapes, as per necessity of client also resistance to heat, water, scuff to high temperature, pressure condition available in customized form and economical prices in dissimilar sizes.

Rollers Topographies:

Perfect strength,
Dynamically balanced,
Outstanding Quality
Heat Resistance
Parallel ability to rubber and epoxy.

BELT SHIFTER



Belt Shifter is normally used to shift belt over cone pulley drive to match the draw speed between different section. The spindle is operated through a geared motor drive ensuring precise positioning. Distance between rotating rollers can be adjusted as per width of belt.

Material of Construction:

Body in Cast Steel Spindle in Stainless Steel Nut in G.M. Rotating Rollers with Bearings in Mild Steel/ Stainless Steel

Types of belt shifter

- Mechanical operated
- Power operated

TOP KNIFE AND BOTTOM KNIF



We are manufacture wide range of Bottom knife. We offer to our clients a gamut of high quality range of Bottom knife with complete assemblies. These knives are compatible with various re-winder and sheet cutting machines and can used with a number of Indian and imported slitter machines. Our range is manufactured using the high grade alloy steel and the latest tools to ensure unmatched quality.

We are a Supplier of Bottom Slitter Knives in India manufactured keeping in view the requirement of highly developing industrial world. The knives are sharp and highly durable. Bottom Slitter Knives are easy to install and can be widely used in several paper cutting industries.

Bottom Slitter knives are harder than the top slitter knife preventing the usual burr from forming on the top knife during high speed slitting. The bottom knife is just as important as the top slitter knife. Multi Groove Knives are available with a single cutting edge or double cutting edges. We Offer these Bottom Slitter Knives in a wide range of specification affordable prices. The Sharp Cutting Edge combined with the precision mirror finish creates a dustless cut time after time. The bands are made from high grade carbide steel to give higher performance.

CENTRICLEANER BOTTLE

Application & Salient Feature

SHEEE AMBAJI INDUSTRIES Centricleaners are designed to remove air, dirt, shives and specks from pulp stock efficiently and economically. It's smooth internal surface and small diameter ensure outstanding performance.

Technical Specification

- Operating Consistency % - 0.5 to 1.0%
- Position - Applicable for pulp mill and approach flow system.
- Throughput - 500 Ipm to 1000 Ipm

Benefits

Efficient removal of contaminants like sand, glass, chips, pins etc. from the pulp stock.

- Efficient removal of impurities like dirt, shives and specks.
- Simple installation.
- Improved optical cleanliness of paper due to removal of specks shives & dirt.
- The small cone diameter resulting in outstanding cleaning efficiency.
- SS- 304 Construction.

Working Principles

Pulp stock at 0.5 to 1.0% Consistency enters the tangential inlet Which accelerates the stock to downward centrifugal motion. Contaminants like dirt, shive and specks with high specific gravity are forced to outer wall of cone and downward through reject outlet orifice. Rejects are collected in a tank which is again fed to the 2nd stage of cleaning. The cleaned pulp stock rises through center of bottle toward the accept outlet.



PERFORATED SCREEN



Our firm is a foremost name, involved in providing a diverse range of SS Pulper Screen, Turbo Screen, Poire Screen, Jonson Screen. Experts use the advanced techniques to develop this product as per client's demand.

ROTOR



Our firm is a foremost name, involved in providing a diverse range of SS Pulper Rotor, Turbo Rotor, Poire Rotor, Jonson Rotor. Experts use the advanced techniques to develop this product as per client's demand.

IN HOUSE FABRICATION



OTHER SPARE PARTS

SHAFT & SLEEVE FOR

- Pulper
- Turbo
- Tdr / Pressure Screen
- Pump
- Agitator

BOILER ACCESSORIES

- Furnace Nozzle
- Furnace Door
- Hammer For Coal
- Crusher
- Screen For Coal Crusher

TANK FOR

- Vacuum Separator
- Camical Agitating
- S.R. Box
- Starch Tank

GEAR

- Dryer Pinion
- C.i. Or Pollypick
- Thickner Gear Pinion
- Spure Gear
- As Per Sample



CHEMICAL TANK



S.R. BOX



TANK



BOILER FURNACE DOOR



GEAR



SHAFT & SLEEVE

World Largest Paper Machinery Parts Manufacturer Company



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SHREE AMBAJI INDUSTRIES

Manufacturer of Paper Industries Spare.

Regd. Office & Workshop :

9, Shree Hari Darshan Estate, Vatva GIDC, Phase-IV, Vatva, Ahmedabad, Gujarat, India.

M : +91 8141763151 | Email : info@shreeambajiindustries.com

www.shreeambajiindustries.com

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