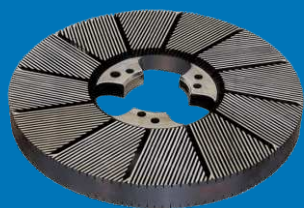


# PARASON STOCK PREPARATION AND APPROACH FLOW SYSTEM

Excellent Quality... High Reliability...



**FIBER LINE FOR**

**Pulp**

**Paper**

**Board**

**Tissue Mills**

Parason... Future Of Paper Technology



### HI-CONSISTENCY PULPER & SYSTEM

With S.S. cast Helical rotor slushing at hi-consistency (15-16%) ensures gently treatment of fibers and disintegration of fibre bundles.



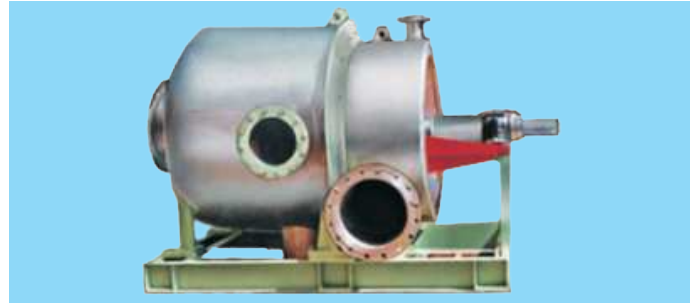
### D - TYPE PULPER

Operates at 4-6% consistency. Rigorous slushing effect most suitable for OCC, NDLC, KCB grade.



### DILUTION PULPER

Installed adjacent to high consistency pulper discharge line. Operates at 4-5% consistency. Can be used as FIBER SAVER in case of Low Consistency Pulper.



### FIBER SAVER

Wizzard in saving of fibers in combination with horizontal or vertical low consistency pulpers. Recovery fiber upto 1-2%.



### TROMMEL SCREEN

Excellent for low water fiber recovery from Pulper & Reject Screen.



### RAGGER

For removal of all spinning contaminants such as wire , rags , strings , plastic from Pulper by means of a Ragger Rope .



### HI-CONSISTENCY & MED. DENSITY CLEANER

Highly efficient removal of contaminants like Sand, Glass, Chips, Pins etc. from pulp stock.



### TURBO SEPARATOR

It operates at consistency of 3-4%. Floating and flat impurities such as expanded polystyrene, cork , cello phone etc . are separated from the stock through Turbo Separator.



### **MEDIUM CONSISTENCY SCREEN-VERTICAL**

Ideal screen for waste paper preparation, special Rotor design allows the screen to operate at 2.5 to 3.5% consistency. Drilled & slotted baskets can be used.



### **PRESSURE SCREEN (HORIZONTAL)**

Parason Horizontal screen with periodic reject discharge is designed for coarse screening at Pulp mill/Stock preparation stage and to work with waste paper/mill pulp.



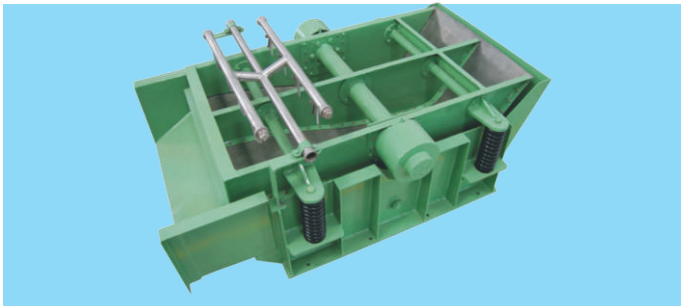
### **LOW CONSISTENCY SCREEN**

Vertically designed screens operate for screening at all kind of stock suspensions at 0.5 to 1.1% consistency. Drilled and slotted baskets can be used.



### **FRACTIONATOR**

For screening and separation of long and short fibre fractions from the pulp.



### **SLOTTED VIBRATING SCREEN**

Useful for handling reject of slotted primary screen.



### **SECONDARY SCREEN - WASHING CYCLE**

Vertical pressure screen with periodic reject discharge used as secondary screen in stock preparation as well as approach flow section before head box .



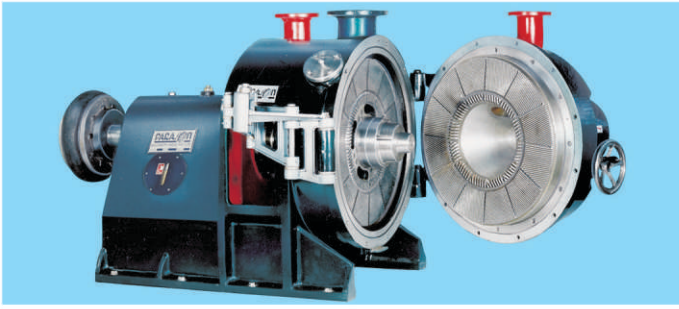
### **REJECT SCREEN-WASHING CYCLE**

Useful for handling reject of the primary screens and excellent separation of contaminants without fiber loss.



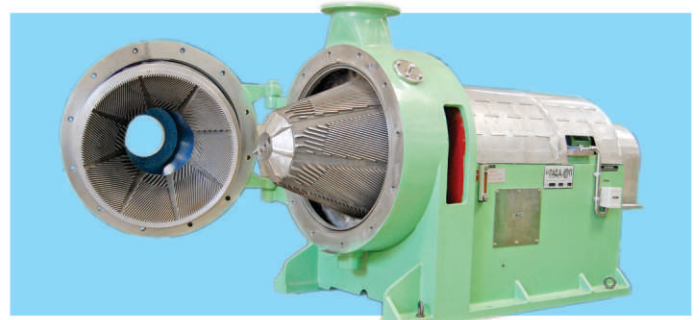
### **INCLINED REJECT SCREEN**

For efficient removal of reject in coarse screening system.



**TRI DISC REFINER**

Compact, sturdy, latest mechanisms & most important the refiner plates. Bar designs to suit specific purpose are special features.



**CENTRI FLOW REFINER**

Uniform refining results, various bar designs available to suit refine application.



**DISC DEFLAKER**

Simple and robust design, extremely low maintenance cost are the features of PARASON TRI DISC DEFLAKER.



**CONICAL DEFLAKER**

Uniform deflaking effect combined with refining action.

**PARASON STOCK PREPARATION AND APPROACH FLOW SYSTEM**

Parason is leader in Stock Preparation of Approach Flow Area . With wide range of expertise in field of Paper. we are manufacturing high quality precision equipments to suit individual requirements. Parason equipments are excellent, reliable and proven in performance.

**System Design and Engineering..**

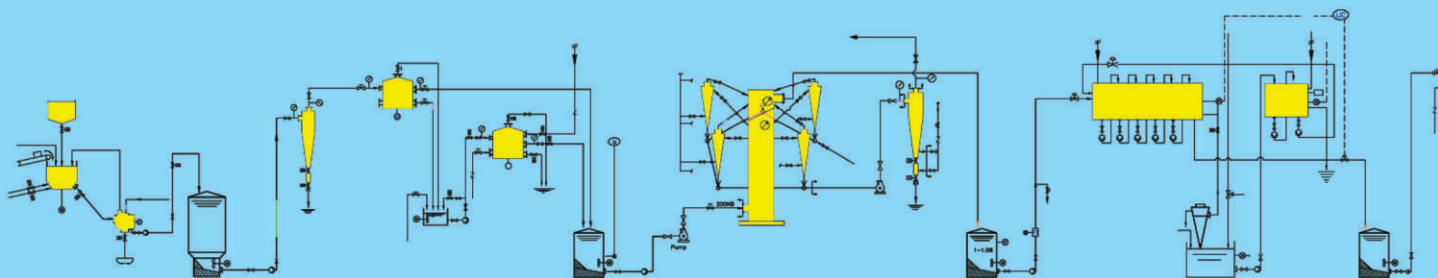
We undertake the basic & detail engineering such as

- 1) Concept development for the desired process.
- 2) P & I diagram with mass balance, control philosophy, sizing of pipeline.
- 3) Load plans.
- 4) Plant layout.
- 5) Detailed foundation plans.
- 6) Instrumentation and controls.

**TYPICAL SYSTEM**

**Furnish**  
OCC / AOCC / NDLKC  
**Product**  
Kraft / Duplex board.

**TYPICAL SYSTEM : Furnish : Virgin Pulp, Waste Paper Product : News print, Tissue, W/P Paper**



HI-CON PULPER

DILUTION PULPER

HIGH DENSITY CLEANER

SCREEN PERFORATED

SCREEN PERFORATED WITH WASHING CYCLE

MC CLEANER SYSTEM

PRE-FLOATATION MACHINE



**HIGH CONSISTENCY REFINER**

Compact, sturdy, latest mechanisms & Auto loading system. Specific purpose Refiner for High Consistency Refining, Disperser, De - Knotter etc.



**PRESSURE FILTER**

For filtration of Back Water and White Water as well as fibre recovery. Reduce Water consumption, save fibre, reduce effluent load.



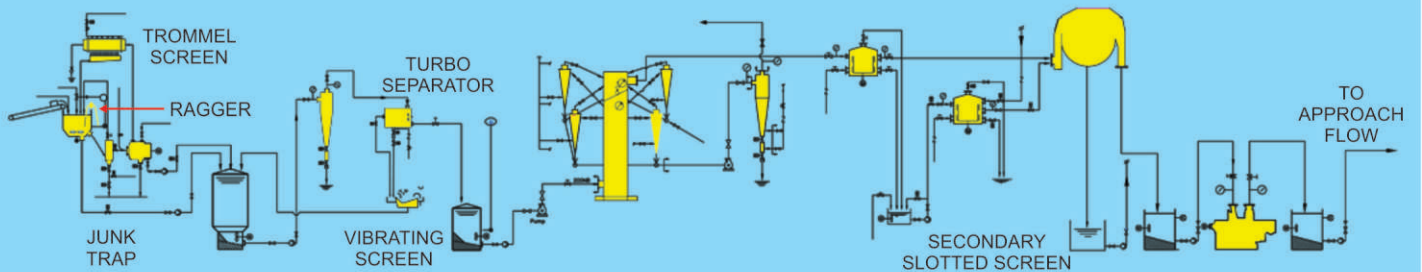
**SAND TRAP**

Efficiently removal of sand from the stock and can also be installed before screening, de-inking and refining.



**DE-INKING CELL**

Removal of Printing inks, stickies etc . from secondary fibre stock.



LCD PULPER FIBER SAVER

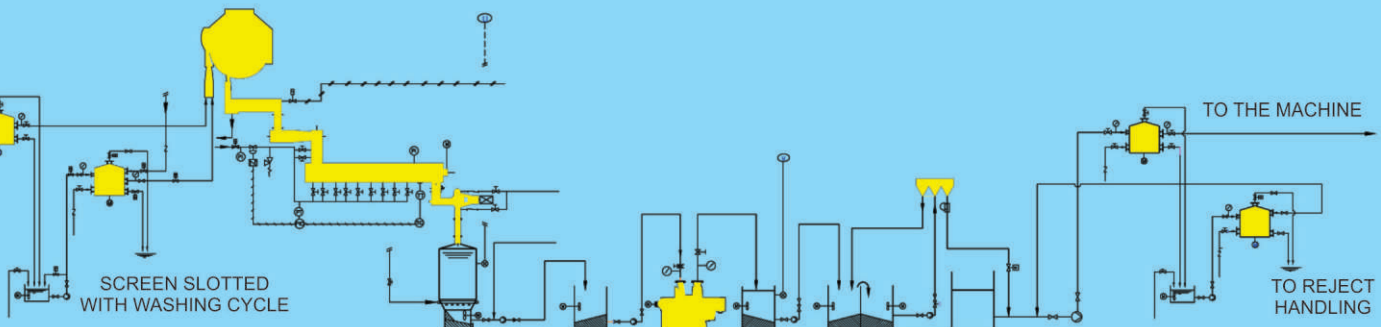
HIGH DENSITY CLEANER

MC CLEANER SYSTEM

PRIMARY SLOTTED SCREEN

THICKNER

TRI DISC REFINERS



SCREEN SLOTTED

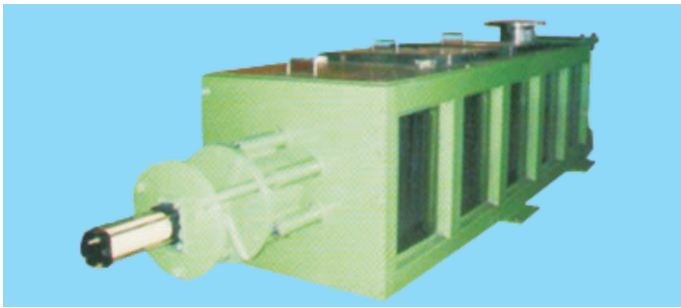
DISC FILTER

DISPERSER SYSTEM

TRI DISC REFINER

PRIMARY SLOTTED SCREEN

SECONDARY SLOTTED SCREEN



### DEWATERER

Parason dewatering screw which has both conical screw cone and pneumatically controlled counter pressure cone, ensures desired dewatering effect upto 12% consistency with flexibility of operation.



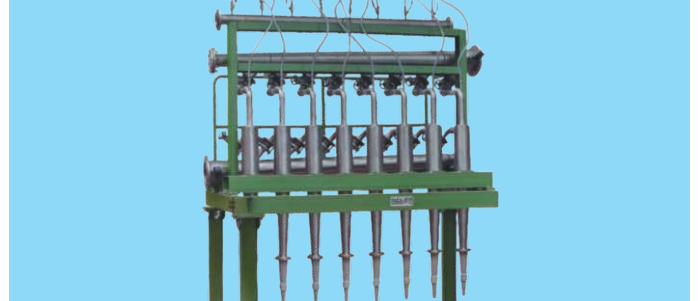
### MEDIUM CONSISTENCY CENTRICLEANER

Parason Medium consistency Centricleaner operates at consistency range of 1.5 to 2 % against normal cleaner range of 0.6 to 1 % consistency. Removes sand etc from pulp stock efficiently and economically.



### SCREW PRESS

The screw is made in single piece casting with hard facing on edges of the flights. Pulp stock outlet consistency upto 30% after screw press.



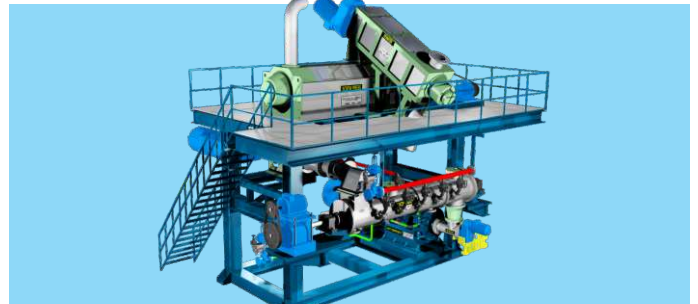
### CENTRICLEANER

Parason Centricleaners operates at consistency 0.6 to 1% and are designed to remove air, dirt, shives & specks from pulp stock efficiently .



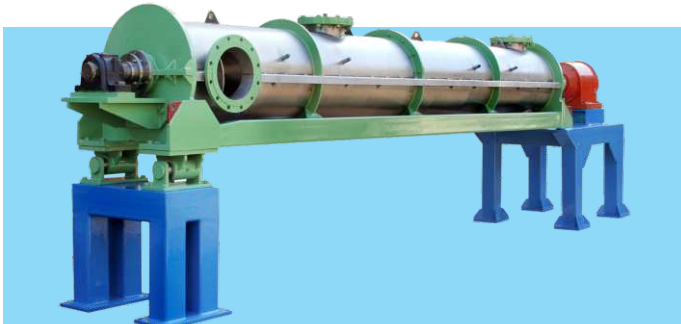
### PLUG SCREW AND SHREDDER

Designed to avoid escaping of steam, thus reducing steam consumption and improve dispersing effect. Thickened stock is shredded uniformly to increase surface area of pulp stock.



### MINI DISPERSER

Ready to install, compact and low cost Disperser system for 20-30 TPD capacity.



### HEATER MIXER

Shredded stock Heated to 90-100°C in Heater Mixer with temperature control system. Steam nozzles provided throughout the length of Heater Mixer for uniform heating.



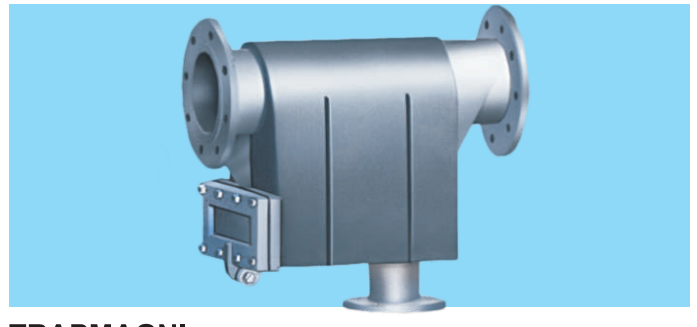
### DISPERSER

Designed for gentle treatment of fibre at high consistency and temperature, ensure optimum development of fibre and dispersion of contaminants in microns. Improves aesthetic look of paper.



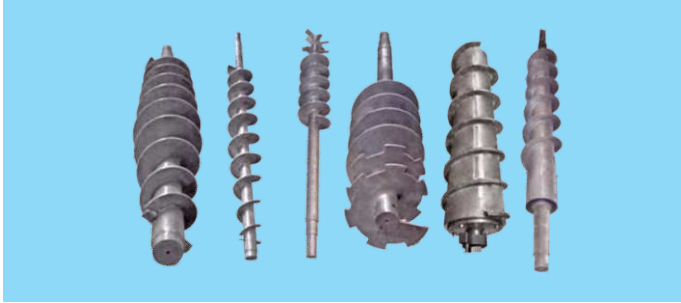
**DISC THICKNER**

Parason Disc Thickener works as a gravity filter and does not require any barometric legs for creating vacuum. It can be installed at lower elevation.



**TRAPMAGNI**

Sturdy, fabricated S.S. construction, large permanent magnet for more contact area hence improved removal efficiency.



**SCREWS FOR DISPERSER SYSTEM**

Spare screw of various design. Casted and fabricated screws to suit all application.



**SCREEN ROTORS**

Medium consistency and low consistency screen rotors available in standard models and as per customer's dimensions.



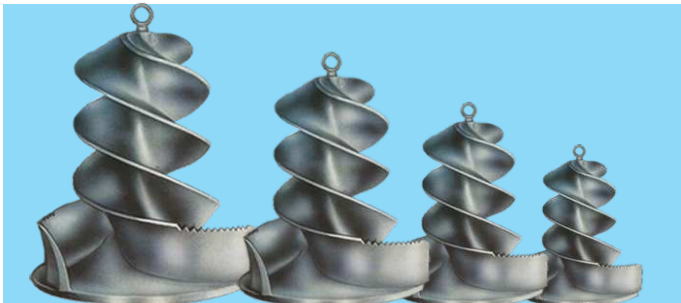
**BASKET FOR DEWATERER AND SCREW PRESS**

Manufactured with precision on Laser/CNC machines for with high open area and robust design.



**SLOTTED BASKET & PERFORATED BASKET**

Made on CNC Machines with / Without profile. Excellent efficiency. Profile bar type slotted basket has high open area for efficient screening.



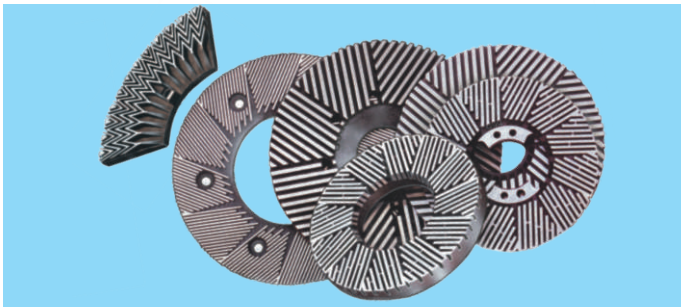
**HI-CON PULPER ROTOR**

The Geometry, profiles curvetures & large surface area of Rotor transmit the energy to fibers and generate fibre to fibre friction due to high consistency.



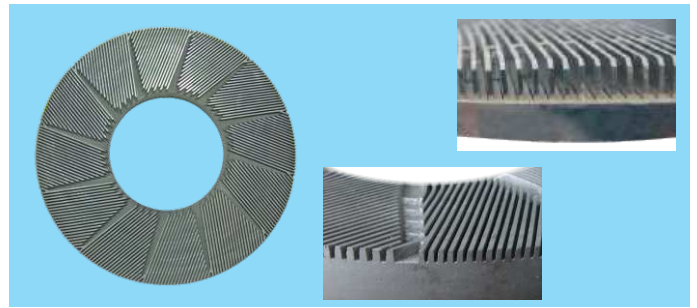
**LOW CON. PULPER IMPELLORS & SCREEN PLATE**

Hi-stability accurate hole diameters, burr free and smooth hole surface.



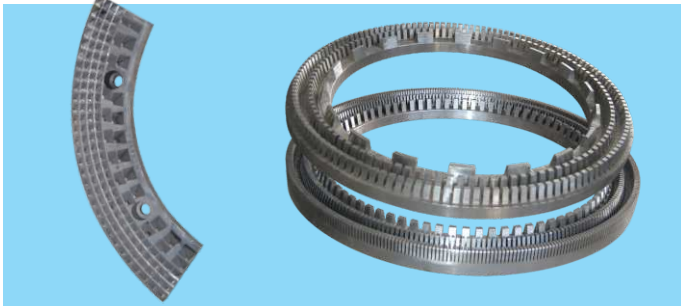
### REFINER DISCS IN FULL CIRCLE & SEGMENTS

Wide range of metallurgies developed for industry needs various patterns & bar designs available.



### FINE BAR & SUPER FINE BAR REFINER DISCS

Casted, Milled and welded design discs with different metallurgies to suit process application.



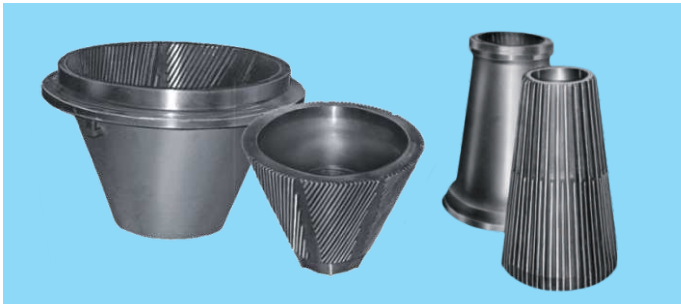
### DISPERSER DISC FOR DISPERSION

Custom designed plates are developed in shortest time, keeps your costs down.



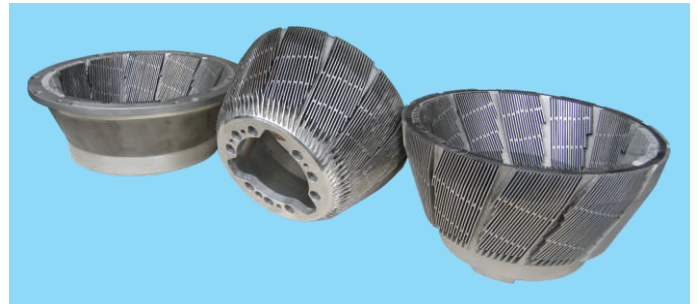
### DEFLAKER DISC

To obtain high quality product and better strength.



### CON FLOW TACKLE CONICAL TACKLE

Committed to provide latest know how and applications in refining, conical tackles and wide angle in various sizes 1Rt 2Rt 3Rt JC-O series / claffline.



### TRICONIC TACKLES

PARASON introduces fillings for triconic refiners with cast / fabricated combi design for RTC series.

\* Due to Constant R & D specifications are subject to change

**WE OFFER HI-QUALITY CONSTRUCTION OF MACHINERY AND COMPREHENSIVE SYSTEMS ENGINEERING, WE SOLVE EACH RECYCLING TASK QUITE INDIVIDUALLY.**



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*Parason... Leader in stock preparation*