

EXCELLENCE IN CUSTOMER SERVICE AND ITS LEADERSHIP IN TECHNOLOGY



PACKAGING MACHINE

- With complete automation.
- Purely as per customer's requirement.



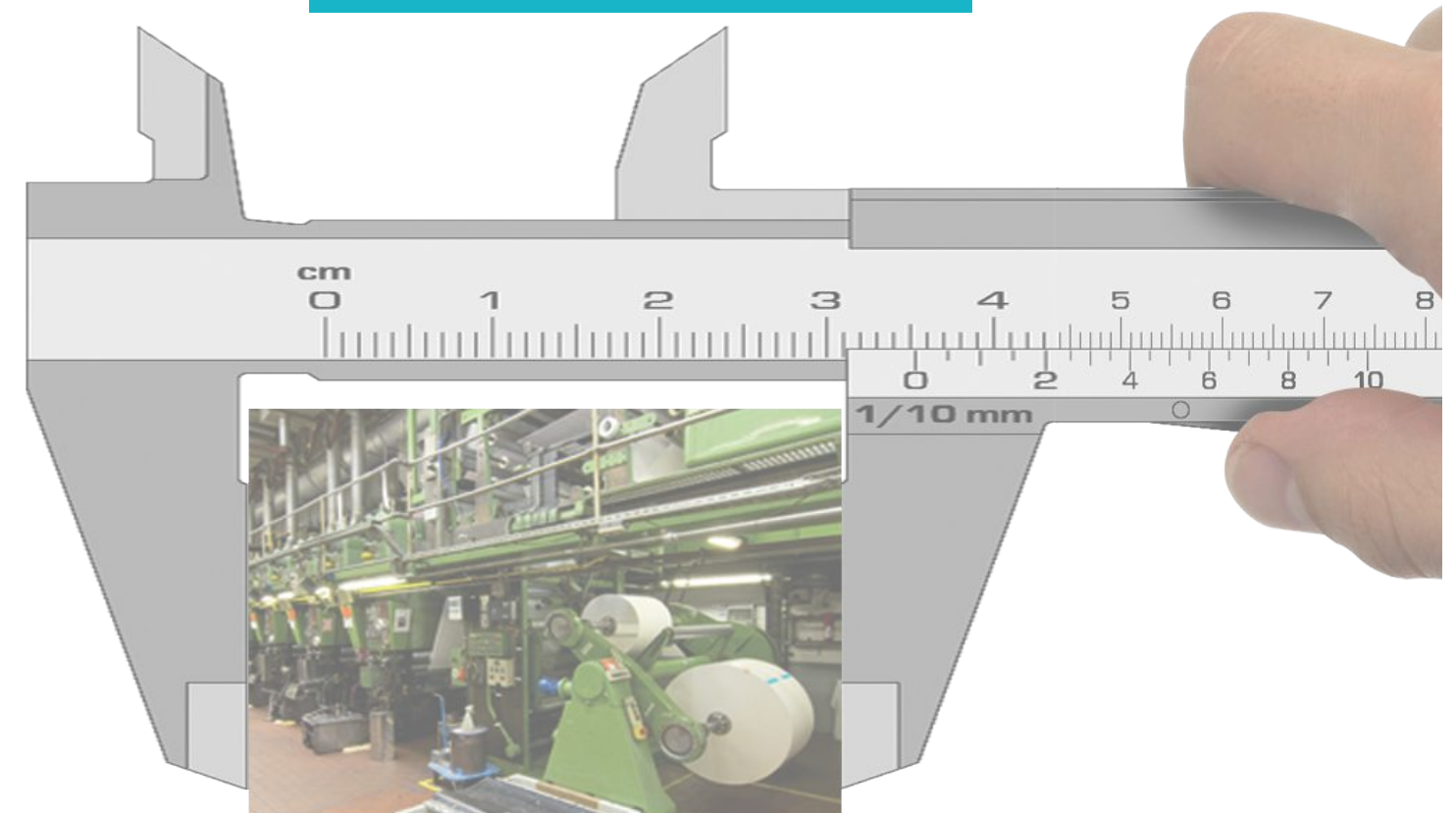
CONTROL PANEL

with/without VFD, PLC, HMI & others

- for our system & equipment
- for any customized application.

TRI-TECH

INDUSTRIES



TRI-TECH INDUSTRIES

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SPECIALITY | INNOVATION | PERFECTION | DEDICATION | CUSTOMER SATISFACTION

INTRODUCTION

In 2004 **TRI-TECH** started to provide engineering services, specialized machinery to the pulp and paper industry based on our already gained long term Experience, Knowledge & Knowhow.

With in a short journey, **TRI-TECH** become well known in the said field in India. Now successfully started to penetrate various other country market .

We are sincere as well capable to bring value to our products & services as solution providers to our customer. Our target to make SPECIALITY & CUSTOMIZED item to replace, may be to save huge cost by some monopolistic supplier from other country and to achieve user's competitiveness in business and to easy access of required after sales services.

The company continues to invest in house R & D to achieve the best position and to maintain its competitive edge. **TRI-TECH** committed to provide Quality, Customized Product & sincere services .

HISTORY

Year 2004

TRI-TECH started with vendor based manufacturing & supply.

Year 2007

Started with manufacturing facilities (rented work shop) with an intension to provide more customized, cost effective & flexibility in design & development.

Year 2010

TRI-TECH established **own work shop** and incorporating & investing various speciality tools & machinery to tackle the situation in much better way !!



TURBULENCE FILTER



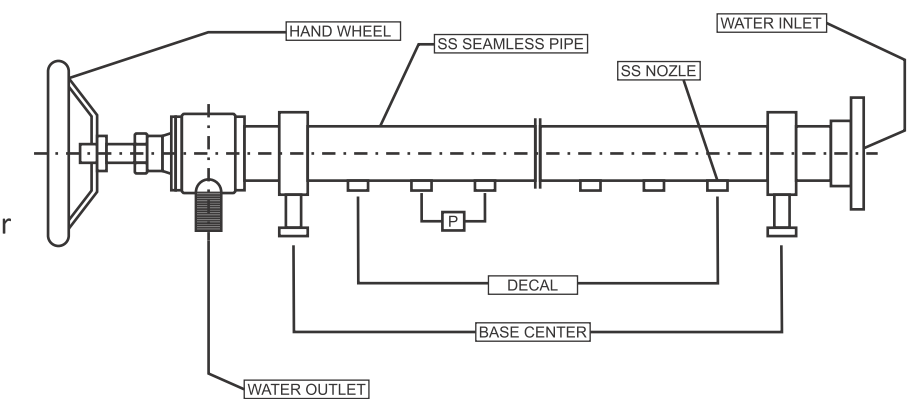
01-10 MICRON FILTER



AUTO DUPLEX FILTER

SHOWER PIPES

- Low Pressure shower for full coverage.
Application : Lubrication, Washing, Mist Spray, Starch Spray, Sheet Knock-off etc.
- High Pressure needle jet shower
- With Brush cleaning system (auto / manual).
- Tube in Tube shower pipe for longer deckle.
- MOC : SS304/316L/Duplex Steel /SMO.



SIMPLEX FILTER

SPRAY FILTER

DRUM SCREEN
(plastic shorter)
also ROTATING DRUM MICRO FILTER

AUTO BACK WASH
FILTER



FILTRATION solution



AUTO CLEAN FILTER



DUPLEX FILTER



FILTER ELEMENTS / CARTRIDGE



TRIPLEX / GANG FILTER

- Auto Clean, Auto Back Wash Filter works on DP based, Time based as well Instant.
- Simplex, Duplex, Multi Shell (Gang) filter available as per choice & requirement.
- Duplex, Gang filter will be always with one stand by shell.
- Quarter turn instant opening top cover for Simplex, Duplex, Gang filter.
- Customized Flow Capacity, Filtration Grade & Operating Parameters
- Against your application & requirement, we have options for best suitability.
- **Filtration grade starts from one-micron !!**
- Spray Filter & Drum Screen works off line.
- Rotating drum micro filter(off line) also in our product range.
- Filter / Shower for highly corrosive solution - no issue.

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TECHNOLOGY

Pure Engineered Product Towards High Performance !!

Own Design based on our extensive Experience, Knowledge & Intelligentsia.

Being together with the customer, **TRI-TECH** designs optimal trouble free equipment solution with Easiest & Quickest Maintenance.

QUALITY

Our Quality commitment implementing through active involvement and whole hearted sincerity, our best knowledge & latest Technology.

We are striving to lead the competitive world by building excellence and attaching topmost value to customer's needs and satisfaction.

ATTITUDE

Quick & Effective response.
True Industrial Partnership.

OUR CUSTOMER PROFILE

- | | |
|-----------------------|----------------------------|
| ● ITC Ltd-PSPD, | ● International Paper APPM |
| ● TNPL, | ● JK Paper, |
| ● Century Paper, | ● BILT |
| ● Trident Ind., | ● Rainbow Paper, |
| ● Seshasayee Paper, | ● Mysore Paper, |
| ● Emami Paper | ● Orient Paper |
| ● West Coast Paper | ● Khanna Paper |
| ● Kuantum Paper (ABC) | |

- ◆ Many other in India.
- ◆ Also customers at various country.

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FIXED STROKE OSCILLATOR



All Stainless Steel, Spare Less, Trouble Free, Customized, Water Proof MICRO-TRAVEL shower oscillators with Speed Synchronization ensuring uniform fabric coverage cleaning.

Fixed Stroke

- Reversible Screw mechanism.
- Standard 100, 150, 200, 250, 300mm Stroke length.
- Variable Speed for any low or high speed machine
- Speciality Design ensures Spareless & Quickest maintenance.
- NO proximity, NO limit switch, NO PLC.
- Fractional HP AC geared motor and VFD.
- ALL possible SS construction.
- Sealed Lubrication for life time.
- Auto water cut off on oscillation stop (option).
- Water proof assembly.
- Most Simple control system.

VARIABLE STROKE



Variable Stroke

- Ball Screw/Lead Screw mechanism.
- Standard 100-300mm adjustable stroke length.
- Control panel with PLC, VFD, HMI, Touch Screen.
- All other features same as fixed stroke case.

FORMING/DRYER FABRIC, BACKING ROLL H.P. JET CLEANER

to eliminate stickies, debris or other foreign particles on paper machine Forming / Dryer Fabric / Roll and it's detrimental effect on paper Production, Quality, Runnability ... resulting faster Return On Investment !!

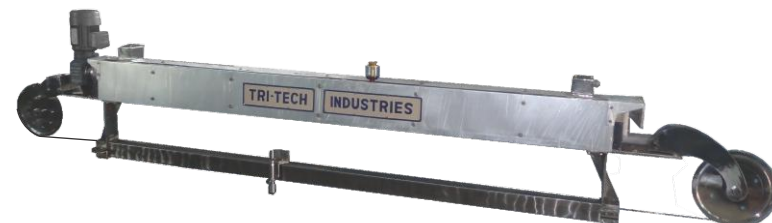


- H.P.(100-300 bar) water jet cum air knife suction cleaning head for Woven Fabric / Backing Roll.
- Multi jet high pressure application.
- Active air vacuum for debris & moisture removal.
- Cleans against roll.
- Intermittent cleaning saves water & energy.
- Motorized mechanical cleaning for Spiral Dryer Fabric.
- Cleans near to roll.

- Absolute customized.
- Remote monitoring of diagnostics for cleanliness & preventive maintenance alert
- Local service & spares availability
- Parking of Cleaning Head at out of fabric / roll.
- Single/ Multiple (option) cleaning system by single control system.
- Mist free cleaning.

1-4 Jet SHOWER FOR TWIN PRESS or others

for any deckle & upto 500 bar or so !



SPRAY NOZZLES



- Needle Jet (SS, Tungsten Carbide, Ruby, Sapphire)
- Fish Tail, Full Cone, Hollow Cone, Mist Spray !!
- Trim Squirt nozzle (single/double jet).
- Also **TRIM SQUIRT TUNNER**.

WET END TAIL CUTTER (also DRY END TAIL CUTTER)



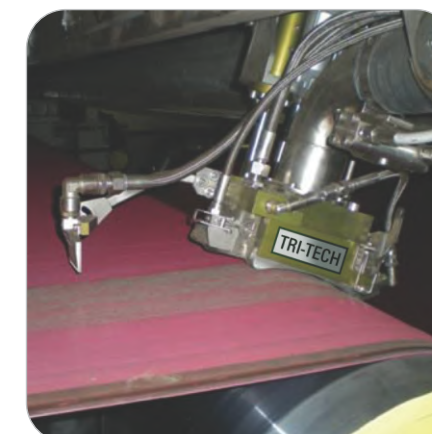
- Manual /Motorised/Automated /Customized.

Benefits :

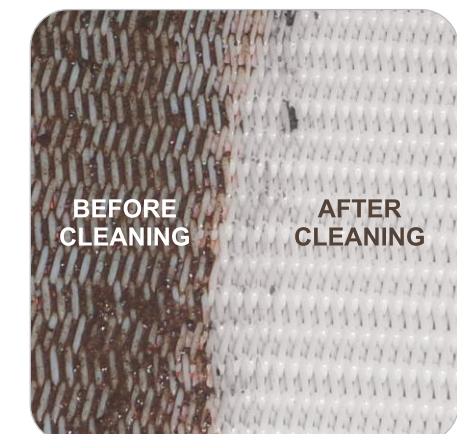
- Removal of stickies, contaminants, hence increase heat transfer / drainage.
- Better Fabric / Fabric section performance, life time, energy optimization.
- Improved production, CD moisture profile & quality.
- Faster return on investment (ROI).
- Eliminates sheet breaks, sheet flutter, sheet picking, loose fiber carry forward, induced marks, holes, edge cracks etc.
- No chemical cleaning, no down time, no reduction of screen & other part life time.



WOVEN FABRIC



WOVEN FABRIC / BACKING ROLL CLEANER



SPIRAL DRYER FABRIC

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