

inspire excellence

www.safrane.in

**Web Process
Solutions**



**Machinery
Solutions**



**Product Quality
Measurement & Control**



***Machinery and Process Control
Automation for Web Applications***

SAFRANE TECHNOLOGIES
inspire excellence ...

Safrane Technologies brings you the best in Knowledge, Experience and Technologies in the field of Web processes. Our team helps you analyse your requirements and present the right solutions, to complement your processes. Backed by industry leaders in the field of Web processes, we bring you the latest that the technology has to offer today.

Safrane Technologies represents these Industry Leaders in the Indian sub-continent

Converting machinery from Bachofen + Meier AG has a worldwide reputation for superb product quality and long service life.

BMB has more than 60 years of experience in developing and building complete systems, to meet a wide variety of customer requirements.

BMB provides exclusive customised solutions in PVDC Coating, Silicone Coating, Adhesive Coating & Lamination, Hot Melt & Wax Coating, Thermal and Reprographic Coating.



www.bmbag.ch



www.comerio.it

Rodolfo Comario is well known world-wide with their background of 125 years in Rubber and PVC Calendering solutions.

It involves Calendering Machinery, 2 Roll Mills, Laboratory mills & Calenders, Calender Rolls & Roll Grinding Services.

Maschinen Ritter Wickeltechnik GmbH, part of KAMPF group, are specialist in providing Second Hand, Reconditioned and Modernised Machinery for Aluminium, Paper & Paperboard and Flexible Packaging industry.

Maschinen Ritter Wickeltechnik is serving industry with qualified technicians and engineers and providing integrated service.



www.maschinenonline.com



www.betacontrol.de

Betacontrol provides precise and result oriented engineering solutions to address measurement and process control needs and back them up, by technical services. Betacontrol systems are used for the Online Measurement and Control of Basis Weight, Coat Weight, Density, Moisture, Length and Speed.

FMS is well known for Web Tension Measurement & Control Systems and Web Guiding. It is the first choice for manufacturers and users of web processing equipments around the globe.

FMS provides effective Tension Control Regulation solutions for the Web Process Applications, Wires & Cables and Belt Scales.



www.fms-technology.com



www.maku-ag.ch

maku ag offers Auto Die Control Facility to existing manually controlled dies for Extrusion processes, with their Robotic Die Tool.

The Die Tool solution is integrated with the Online Thickness Measurement & Control Systems, for Auto Profile Control in Extrusion.

www.hildebrand-technology.com

Hildebrand Technology AG provides highly efficient systems for web cleaning, sheet cleaning, surface dedusting and slitting dust removal, static neutralizing systems such as electrostatic discharging AC and electrostatic discharging TRUE DC as well as electrostatic charging and measuring systems.

hildebrand
TECHNOLOGY



An Overview Of Industry, Applications & Solutions

Industries we serve

- Extrusion
- Metals
- Paper
- Converting
- Rubber & PVC Calendering
- Wires & Cables
- Coated Abrasives
- Textiles & Nonwovens
- Belt Scales

Coating and Converting Solutions

Machinery

- PVDC Coating Machine
- Heat Seal Lacquer Coating Machine
- Adhesive Coating & Lamination Machine
- Silicone Coating Machine
- Hot Melts & Wax Coating Machine
- Thermal & Reprographics Coating Machine
- Emulsion Coating Machine
- Varnishing Machine

Components

- Unwinders & Rewinders
- Multi Pressure Gravure Coating Head
- Twin Offset Coater
- Multi Roll Coater
- Hotmelt Coater
- High Speed Curtain Coater
- Floating & Single Sided Dryers
- Air Turns
- Steam Moisteners
- Vacuum Rolls

Calendering Solutions

- Calendering Lines for Rubber and PVC
- 2 Roll Mills for Rubber and PVC
- Laminating and Embossing Lines
- Post Calender Group
- Laboratory Mills and Calenders
- Calender Rolls and Roll Grinding Services

Used & Reconditioned Machinery

Machines for Flexible Packaging, Paper and Aluminium Applications

- Slitter Rewinder
- Rotary Sheeter
- Rotogravure and Flexo Printing Presses
- Coating and Laminating Machines
- Extrusion Coater Laminator
- Cast and Blown Film Lines
- Aluminium Rolling Mills and Converting Lines

Technical Services

- Maintenance
- Dismantling
- Installation
- Complete Plant Relocation

Thickness & Moisture Measurement and Control Solutions

Measurements

- Thickness Measurements based on Nuclear, Infrared, Laser and X Ray Sensors
- Moisture Measurement based on Infrared and Microwave Sensor
- Barrier Layer Differentiation

Controls

- Average Gauge Control (Machine Direction)
- Auto Profile Control (Cross Direction)
- Robotic Die Tool for Manually Operated Extrusion Dies
- Roll Gap and Cross Axis Controls for Calenders



EXTRUSION



COATING



PAPER



METALS



CALENDERING



NONWOVENS



WIRES & CABLES



BELT SCALES



Tension Control and Web Guiding Solutions

Products

Tension Measurement and Control

- Force Sensors
- Measuring Amplifiers
- Tension Controllers
- Explosion Proof
- Radio Transmitted Monitoring Systems

Web Guiding

- Web Guide Sensors
- Web Guide Controllers
- Manual and Motorised Sensor Adjustments
- Actuators for Unwinding/Rewinding Stands

Belt Scales

- Force Measurement Rollers
- Evaluation Electronic Units
- Analog Instruments
- Remote Counter
- Hand Printer

Applications & Materials

Converting

Paper
Film
Foil (synthetic / aluminium)
Tape and Labels
Plastics and Rubber
Corrugated Products

Metals

Carbon Steel
Stainless Steel
Aluminium Strips
Aluminium Foil
Copper
Other Non-Ferrous metals

Paper

Paper
Paper Board



Textile & Nonwovens

Natural and Synthetic Fibres
Textiles
Textile Composites
Technical Textiles
NonWovens

Wires & Cables

Wire and Cable
Fibre Optics
Cord and Rope
Narrow Tapes
Flat Wire

Processes

Printing
Coating and Laminating
Tape and Label Processing
Slitting
Unwinding and Winding
Nip Force Measuring
Packaging

Cold milling
Levelling
Pickling
Painting
Annealing
Galvanizing
Slitting
De-coiling and Re-coiling



Paper Making
Felt Tension
Wire Tension
Drying
Painting
Coating
Slitting
Winding and Rewinding

Printing
Coating and Laminating
Unwinding and Winding
Nip Force Measurements
Thermo-Fixing
Stretching and Shrinking
Finishing

Drawing
Stranding and Bunching
Extruding
Unwinding and Winding



Surface and Print Inspection Solutions

100 % Defect Detection Solutions

Unprinted Films and Sheets / Printed Films and Printed Sheets / NonWovens

Plastics

PET Sheets
PVC Sheets
Coated Plastics
Adhesive Strips
PVC Floor Coverings

Films and Foils

Extrusion
Coating
Printing
Laminating
Embossing

Printing

Gravure
Flexo
Offset
Digital

NonWovens

Carding
Airlaid
Spunlace
Spunbond

Safrane Technologies was founded by Pravin Kulkarni, an industry veteran with more than 25 years experience in Web Process Applications and associated Product Quality Measurement & Controls. Safrane aspires to provide the expertise and the solution partnering with industry leaders.

Safrane Technologies

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Pravin Kulkarni

For Detailed Information on Products & Solutions Offered, Visit us on the web at www.safrane.in