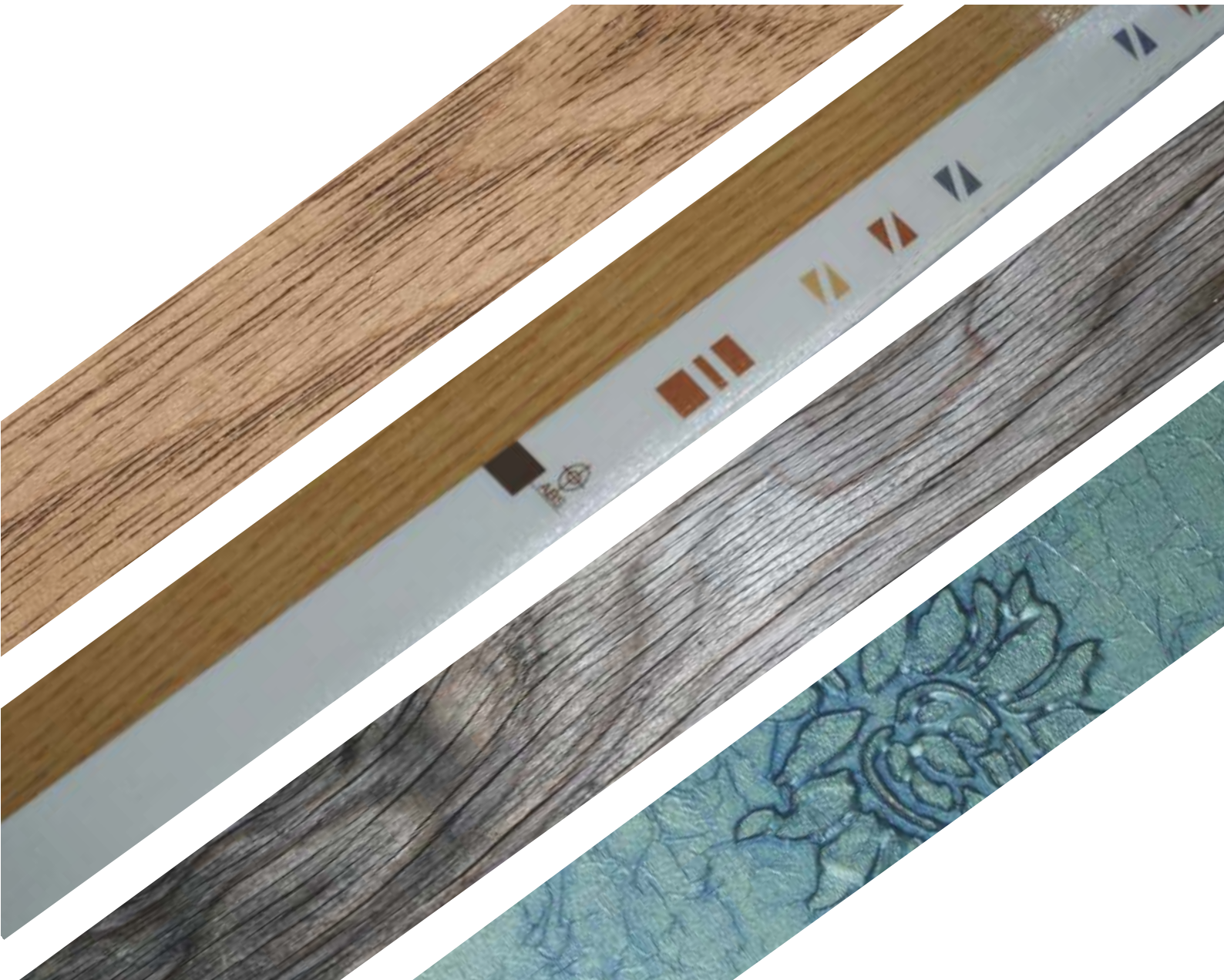




Trusted Technology
Lasting Relationships



**Impregnation Lines With Synchronized
Cutting Technology**

ABOUT US

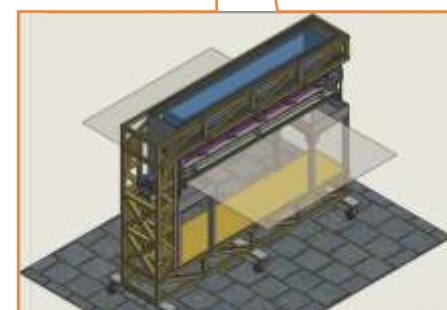
Since 1982, Master Handlers is connected with the laminate, wood panel and furniture industry. The company takes great pride in its engineering and technological innovations. The focus is on performance of the machines and cost of ownership.

We export these lines to many countries including the GCC countries, Northern Africa, Middle-East and Europe. We are the only company in the world that offers total solution for lamination and paper impregnation. We have commissioned more than:

- 110 Short Cycle Lamination (SCL) Press Lines
- 60 Paper Impregnation Lines
- 120 Multi-Opening Press Lines

We design, manufacture and supply Impregnation (MF/UMF/PF) Lines for decorative and flooring lamination with latest technology & highest speeds. These lines can be made suitable for Synchronized Cutting. Our lines are built with modular constructions and the equipments like additional zone, coater, scattering unit can be added. These lines are built with critical components from European and comparable with the best in the world.

We guarantee high quality and high performance lines with excellent service support. The company has built long-term relationship with its customers based on complete trust and understanding.



Scattering Abrasive Particles Overlay for Flooring



The Gravure Coater

PAPER IMPREGNATION LINE

Melamine | Phenol | Urea Melamine/Special Coating Modular To Suit Your Requirement

FEATURES

- Load Cell Based Reel Loading
- Auto Splicing & Reel Change Over At High Speed
- Auto Tension Control
- Side Edge Trimming Device
- Heated Drag Roll
- Auto Gap Setting for Metering/Squeeze Rolls with Electronic Display For Repeat Accuracy (5µ Resolution)
- Heated Vat (Resin Tank)

BENEFITS

- Ease of Reel Loading & Reel Weight Registration
- Accurate Splicing & Strong Joint; Minimum Paper Wastage
- No Joint Opening
- Avoids Excess Paper Resin Impregnation
- Prepared For Better Resin Absorption
- Controlled Resin Content; Resin Cost Saving
- Avoids Resin Solidification; Increase In Resin Shelf Life - Resin Cost Saving

FEATURES

- S-Curve Type Air Flotation Dryers with 3-Chamber Internal Construction
- Blower With Backward Curve Recirculation
- Double Door Seals: Pneumatic Single Door Per Zone
- Sliding Support For Drying Tunnel
- Gravure (G/G) Coater For 2 Stage Coating
- Web Aligner cum Tension Control
- Camera for Synchronized Cutting
- High Speed Rotary Cutter With CNC Servo Control
- Centralized Exhaust System with VFD
- Automatic Pallet Changer
- SCADA With Touch Screen

BENEFITS

- Efficient Drying - High Speed & Productivity
- Low Heat & Power Consumption Per Sq. Meter of Production
- Uniform Temperature & Air Distribution
- Efficient Drying: No Heat Loss - Energy Saving
- Due To Efficient Drying: Sliding Helps Expansion-Contraction of Chambers - Accommodates Thermal Expansion
- Independent & Precise Coating Control For Top & Bottom Side of The Paper
- Support Paper Web To Be In-line Before Cutting
- Maintained Synchronized Paper Design
- Cutting Accuracy of ± 1 mm: Cost Saving
- Efficient & Leak Proof: Fumes Collected At Central Location
- Ease of Paper Stacking & Storage
- For Diagnostic, Alarm Annunciation, Visualization, Setting of Parameters & Periodic Quality & Quantity Report Generation

PRODUCT PROGRAMME

Web Width	- 130 160 190 210 cm
Paper Weight	- 30 to 400 gsm
Impregnation & Paper	- Kraft Paper, Decor Paper, Tissue, Overlay & Barrier
Single Stage	- Melamine & Phenolic Resin Impregnation
Two Stage	- Melamine & Special Coatings
Drying Tunnel - Heating	- Thermic Fluid Hot water Steam Gas

Options:

- Lift Table for Reel Loading
- Corundum (Alumina) Scattering Unit
- Edge Trimming
- Registered Mark Cutting System
- Rewinder

Note : Options can be discussed as construction & control are modular



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