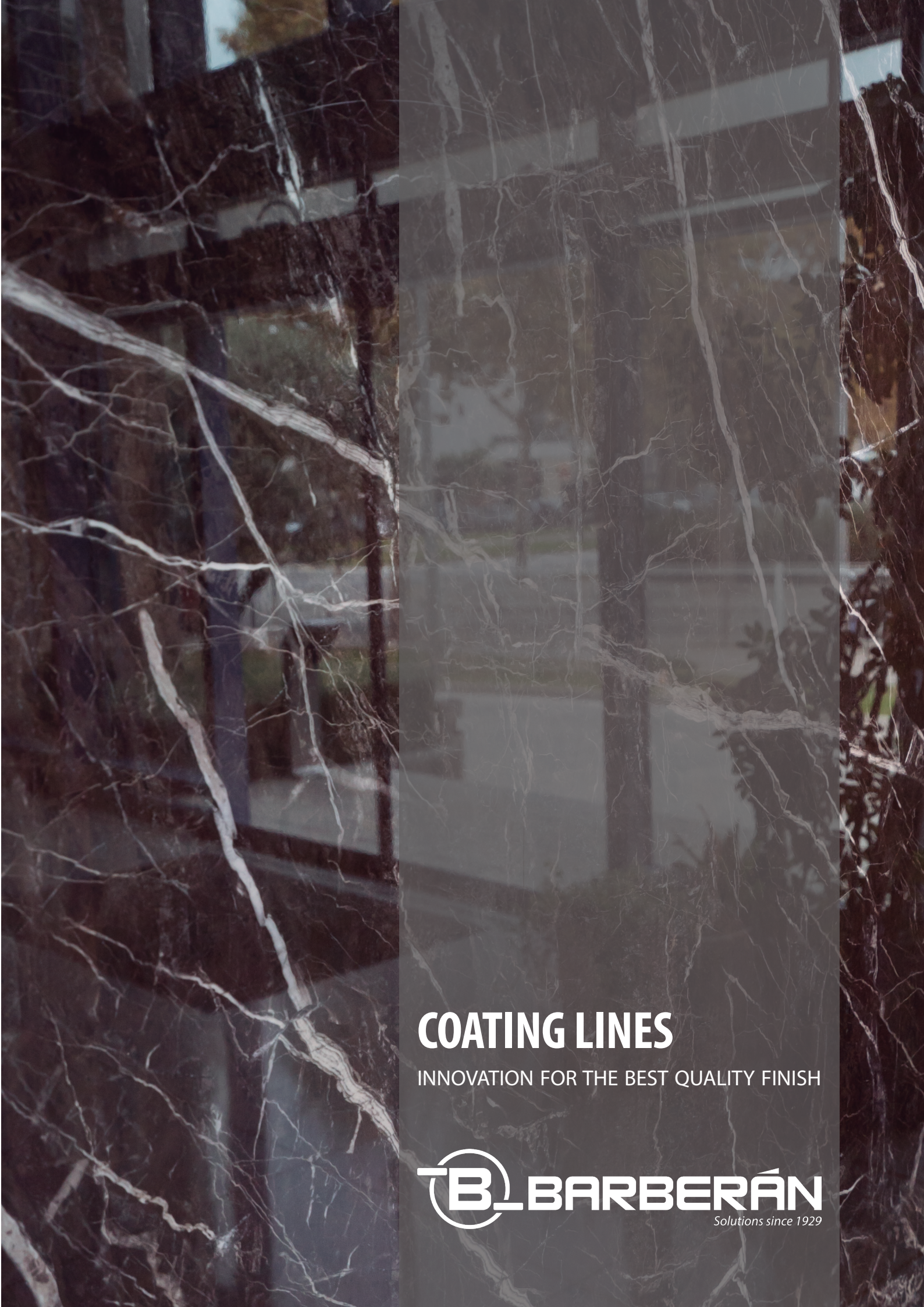


COATING LINES

INNOVATION FOR THE BEST QUALITY FINISH

BARBERÁN

Solutions since 1929

At Barberán we offer the most appropriate varnishing method for each type of surface. The machines are designed and adapted to different varnishing requirements (curing, sanding, gloss, touch, adherence, hardness...) to offer you the best choice of process and application, reliability and the highest quality finish.

SURFACE TREATMENT

A great varnishing method requires a great preparation: dust brushing, light sanding with Scotch brushes, calendering, filling, staining… Whatever the goal is, it all starts with a good preparation.

ROLLER COATING

The perfect result with low grammages and highest cost reduction. Our roller coaters are the best option for flat surfaces.

BR SERIES

Machines designed for the uniform application of transparent or pigmented base and top coat lacquers, primers, oils and stains on flat surfaces by means of a head with a rubberised application roller.
The metallic dosing roller has a switch for reverse turning to increase the coat adjusting capabilities with extreme accuracy.

UV VARNISH

UV finish roller application for printed paper coils of different grammages. This system is especially suitable to improve the finish of printed rolls, like the ones printed with Jetmaster 210-C printer. UV curing tunnel integrated. Precise and homogeneous application due to the synthetic rubber roller. Closed chamber system and normal and the reverse application modes.

CAL SERIES

Machines for pressing board that achieves important savings in lacquers and sanding belts and increases surface quality.

LP SERIES

Machines to clean the board surfaces before lacquer application.

MER SERIES

Application of filler with spatulate effect to achieve a perfect smooth surface.

UV VARNISH

IR SERIES

Machines for IR drying/pre-heating of water-based lacquers and fillers.

Our systems offer maximum resistance to impacts, abrasion and chemical substances, with ever-growing adhesion levels and exceptional visual appearance of the final product.

Through technological development we offer integral, personalized solutions adapted to our clients' unique needs, giving them high quality and performance in different applications.

The versatility of Barberán's coating machines allows using a great variety of products from a multitude of suppliers.

SPRAYING ROBOT

RR SERIES

Achieving fast, reliable and high-quality production is easy using Barberan´s spraying robots, the best solution for lacquer spraying without dead zones on difficult, profiled or shaped surfaces of difficult access.

Our rotary Push Pull system, a better spray pattern and our exclusive stect belt conveyor cleaning system convert our spraying machine in a high-performance solution.

- **RR-B4**: 1-2 Circuits, 4 spraying guns each.
- **RR-B8**: 1-2 Circuits, 8 spraying guns each.

RR - B8

CURTAIN COATER

BL SERIES

A classic coating system consisting of the application of large quantities of varnish or paint onto flat surfaces in a single pass. Ideal for high grammage applications, exceptional quality and great reliability.

Curtain coaters with one or two curtain heads type high viscosity, overflow or lip system.

HOT COATING LINES

A compact and simple line that uses HotCoating®, which improves the product properties, resistance and durability, enabling high gloss panels. Even with low coat weight, the coating has extremely high shock and wear resistance. It's the ideal product to be used in hot and wet environments, like kitchens or bathrooms, or where high performance is required.

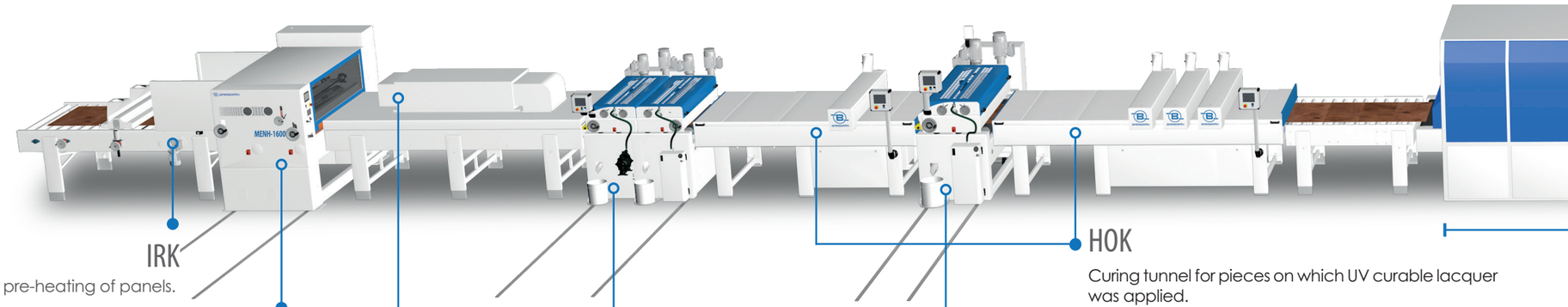
This roller coater system saves more than 50% coating product, as far 100% solid content lacquers and solvent free are used, so this process does not produce emissions that could affect the atmosphere, making the process much more efficient and eco-friendly.

FEATURES

- perfect adhesion in most materials
- 100% solid content
- eco-friendly
- excellent surface quality
- flexibility (allows to be postformed)
- high resistance: UV rays, shock, wear, scratch, chemical products

APPLICATION

- Flooring
- Furniture components: surfaces, doors, decorative surfaces, direct print, digital print
- Panel manufacturing



IRK

IR lamps for pre-heating of panels.

MEN H

Machine suitable for the application and smoothering of hotmelt products on flat surfaces, such as melamine, printed boards, wood veneer, etc.

- Perfect adhesion on melamine
- Primer application is not necessary

THG-F

Tunnel designed for the cooling of the hotmelt application.

MER N

Designed for a perfect covering of pores, scratches, grooves or imperfections on surfaces made of wood, plywood, particleboard or similar.

It helps the HotCoating to hide and cover panel imperfections, such as scratches or pores.

BRN RR

Application of base coat lacquer that prepares the surface for the sanding. It also gives coating thickness to the surface, helping to achieve the desired resistance and quality appearance.

HOK

Curing tunnel for pieces on which UV curable lacquer was applied.

- Ready for mercury and gallium lamps
- Smart power management
- Up to 80% energy savings
- Optimized peak and irradiation levels

EXCIMER TECHNOLOGY

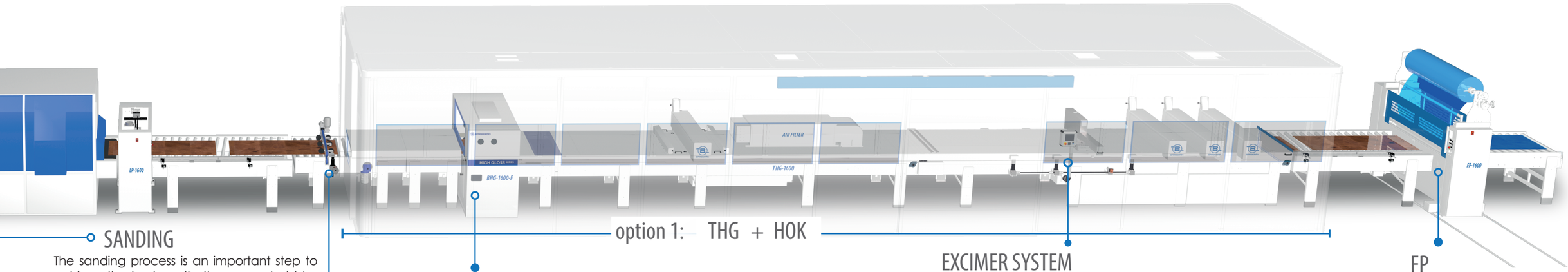
HIGH GLOSS FINISH

HIGH GLOSS

A high gloss surface in the top sector regarding to gloss, surface smoothness and depth effect, with low cost per m².

SOFT TOUCH SUPER MATT

Amazing looking surfaces that do not reflect light. Fingerprint free surfaces, no scratching, and velvet and soft touch finishes.



option 1: THG + HOK

SANDING

The sanding process is an important step to achieve the best results. It removes bubbles and marks from the lacquers and prepares the surface for top coat application. We work close with the best sanding equipment producers to achieve perfect integration in our lines.

LP & Sword Brush

Machine equipped with top and bottom brush turning against feeding sense to clean the panel surfaces before they are coated.

The line is equipped with several cleaning brushes. The first LP unit is a high load cleaner for removing the bigger part of the sanding dust and contamination. After that the sword micro cleaner removes every single dust particle to guarantee a perfect high gloss finish.

BHG

This special application machines makes the difference in terms of application. Extremely accurate and consistent, it is not only a lacquer applicator; it's equipped with all required systems to keep the lacques at its ideal conditions.

- two levels of micro filtering
- dust control
- air temperature control
- lacquer temperature control

EXCIMER SYSTEM

The exclusive THG tunnels have been optimized to work with the latest exciment technology. The excimer allows to achieve very deep matt surfaces, with outstanding scratch resistance, fingerprint free and velvet or soft touch finishes.

FP

Designed for the application of protection foil on panels with smooth surface and includes a cutting device with a hot wire.

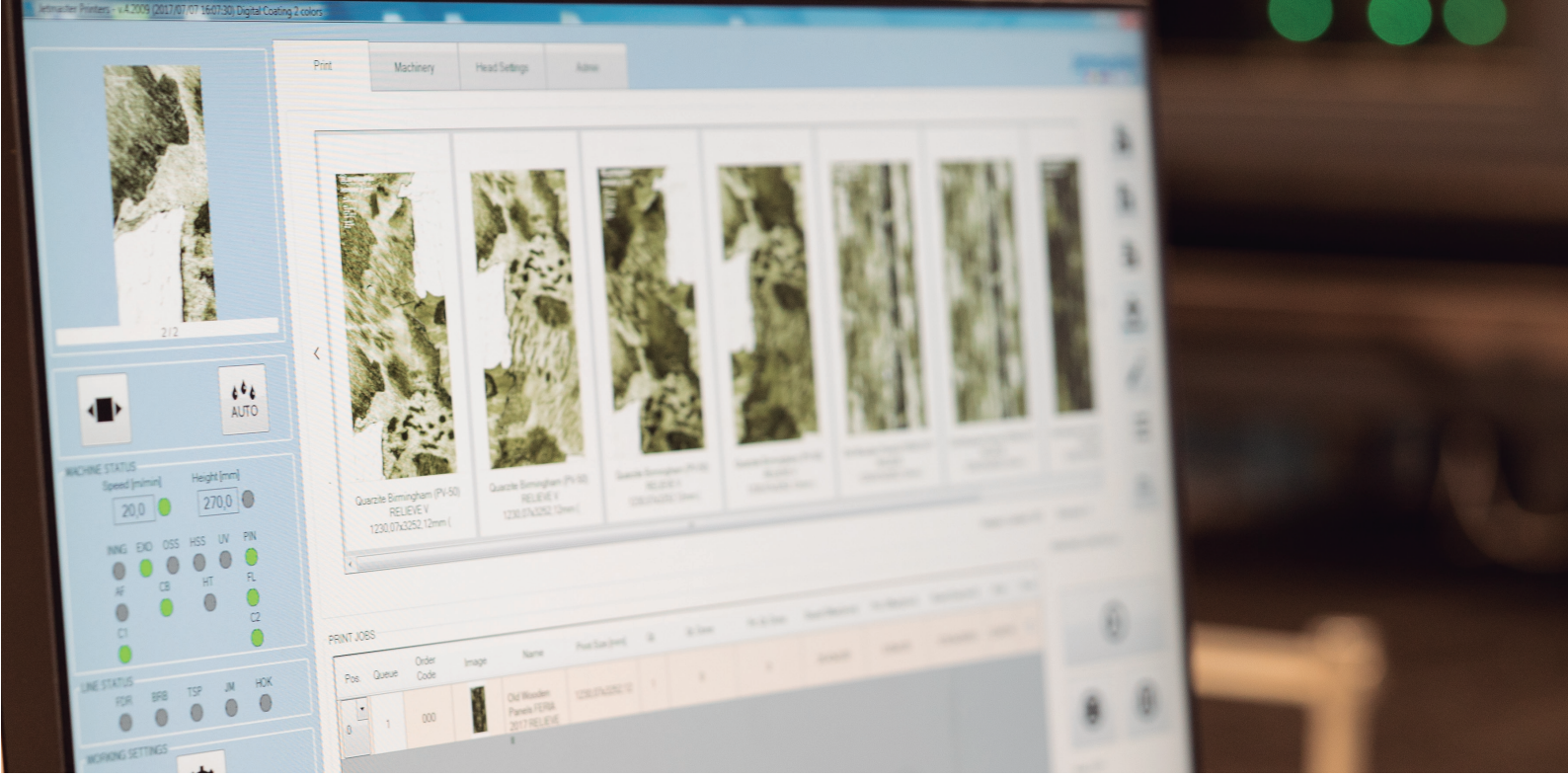
option 2: INERT COAT

Inert System applies, smoothes and covers the lacquer preventing particles from penetrating the surface.The extremely high optical and mechanical quality of the panel opens a new horizon in high gloss application. This system uses a UV transparent foil to press the lacquer and make it perfectly flat without levelling time. When the film is applied, the lacquer underneath is cured with UV radiation. The polimerization is produced in inerted conditions and therefore the mechanical and optical properties of the lacquer are significantly better.

HPL

This new system for hot coating lines makes possible to process thin materials like HPL sheets of only 0,8mm thick.

INERT COAT LINE



DIGITAL COATING TRUE TEXTURE

The digital top coat Barberán Jetmaster TXT enables you to add a 3D effect by the use of transparent inks, being able to generate a multitude of embossing effects.

Since it is a digital process, you may create surfaces with several layers, or apply protective varnishes selectively and precisely.

Barberán Jetmaster TXT offers perfect finish and maximum performance to generate haptic impression.

JETMASTER TXT

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digital printing machine

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Solutions since 1929

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INNOVATOR OF THE YEAR 2016

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