

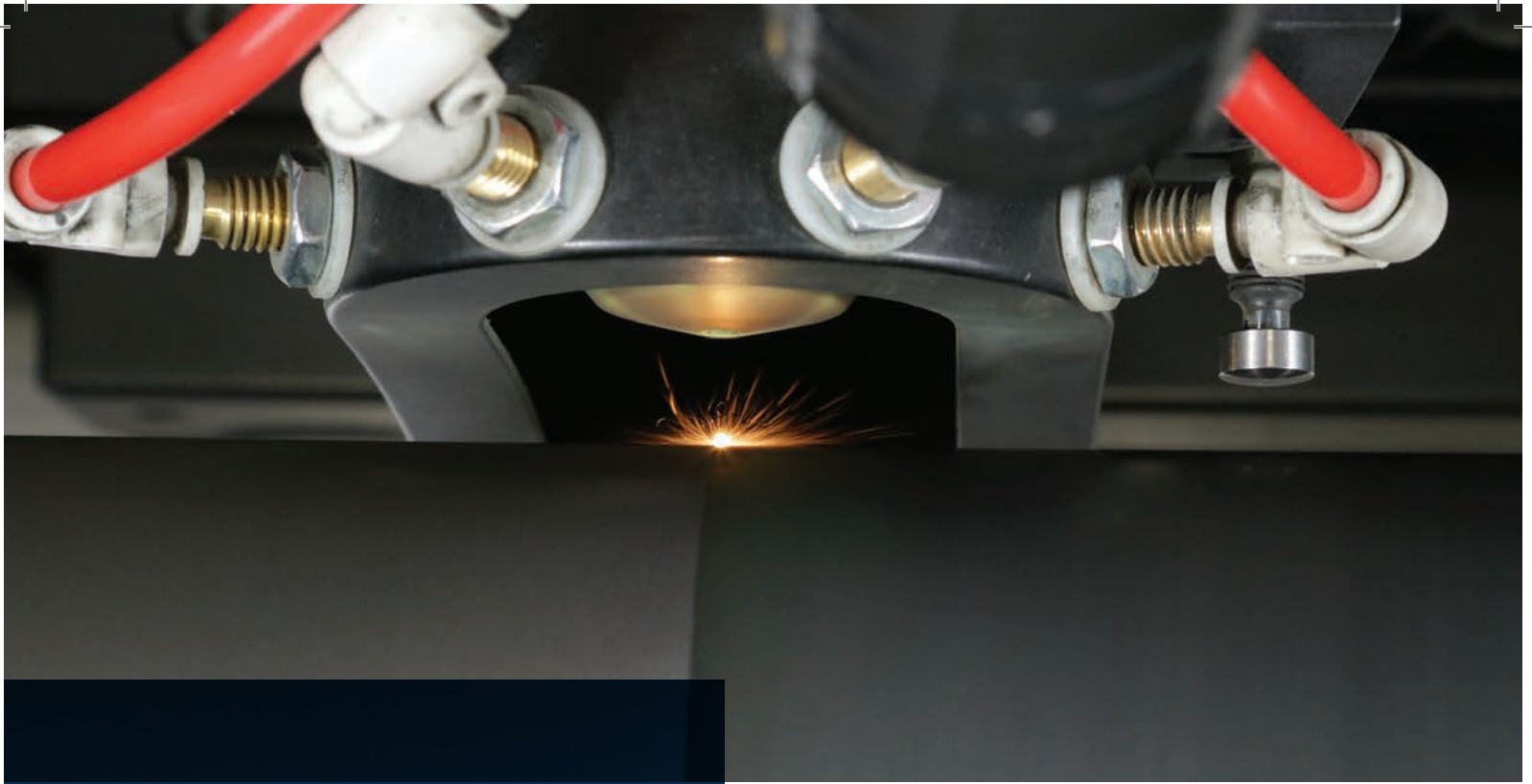


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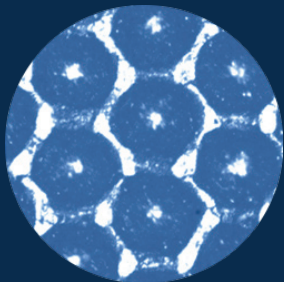
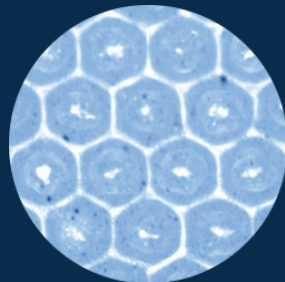
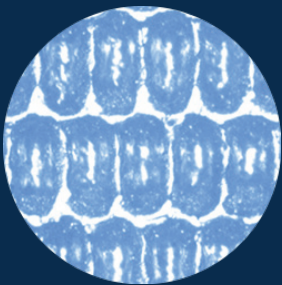
pamarco  
**PRODUCTS**  
2022





## Laser Engravings

At Pamarco, we have the capability to produce a large range of anilox roll engravings. From laser engraving to mechanical engravings to electro mechanical engravings, we produce the engraving you need to exacting tolerances.



## ThermaFlo™

- Consistent Cell geometry promotes more efficient ink-release
- Easier cleaning due to smoother cells, flatter cell bottoms
- Flatter cell walls equals better ink metering
- Improved resistance to doctor-blade scoring due to surface hardness of ceramic
- Extended volume ranges due to multi-hit technology

## EFlo™

- High performance anilox
- Consistent quality
- State of the art ceramic plasma coating
- Increased ink transfer
- Higher solid coverage
- Improved doctor blade life
- Cleaner highlights
- Low dot gain
- Designed to run at faster press speeds

## EZFlo™

- High performance anilox
- Consistent quality
- State of the art ceramic plasma coating
- Increased ink transfer
- Higher solid coverage
- Improved doctor blade life
- Cleaner highlights
- Low dot gain
- Designed to run at faster press speeds

# Mechanical Engravings

## PQCH



Excellent release characteristics, primarily used in gravure coating and laminating industries.

## Pyramid



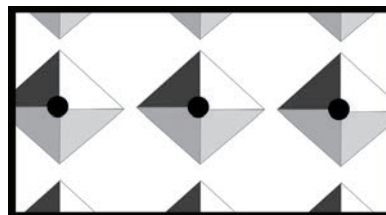
The traditional and original shape for mechanical engravings.

## Pyramid Roto-Flo



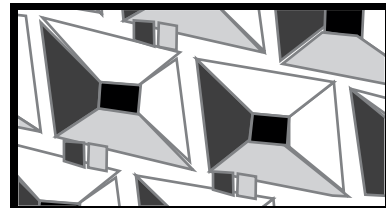
Specially designed by Pamarco. It offers an offset and linked cell structure to promote excellent ink release and eliminates striation.

## Quad



Has a flat bottom to help promote good ink release. Used in printing and coating applications.

## Quad Roto-Flo



High Volume and good ink release characteristics, perfect for the corrugated industry.

## Trihelical



Helicoidal engraving used for high viscosity and high volume applications.





## Anilox Care Products

Pamarco has a full range of anilox care and cleaning chemicals for water-based, solvent, and UV inking systems. Cleaning chemicals and products designed so that you can maintain consistent volume of your anilox roll, improve print quality, and boost productivity. We work closely with converters to develop cleaning protocol and a perfect selection of chemistry to extend roll life and consistency.

### Water Based Cleaning Products



Clean the inking system including the pump, chamber, and anilox, cleaning the anilox by hand, or diluted and used in an ultrasonic tank



A formulated with high-grade surfactants and solvents to quickly remove inks, dirt and grime from the anilox cell.



HD-80's innovative chemistry fuses the properties of a high pH and low pH ink dissolver.



HD-88's innovative chemistry effectively meshes the properties of a high pH and low pH ink dissolver.



Non-flammable and non-corrosive, CARE® Multi-Kleen removes ink, grease and difficult residues. Anti-reposition and soil suspension agents ensure a bright finish.

### Solvent & UV Based Cleaning Products



DeepClean Ultra is a heavy duty flexo/gravure cleaner formulated for the removal of the most challenging of hard dried inks from all types of flexo plates and anilox rollers.



CellRestore is an industrial strength, non-hazardous anilox roll cleaner. It is formulated with high-grade surfactants and solvents to quickly remove inks, dirt and grime from the anilox cell.

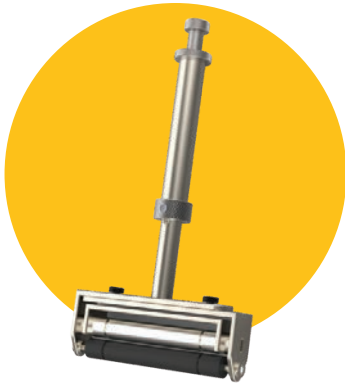


Highly effective paste intended to be applied with a CARE™ pad and left on anilox rolls for up to an hour. Developed for prolonged contact to give deep penetration and maximum cleaning.



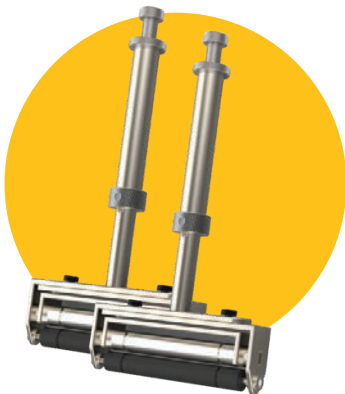
This non-flammable, soft metal safe, non-corrosive cleaner is for the people who don't have the time, budget, or desire to blast their rolls

## Hand Proofers



### Standard Proofer

Our standard proofer 2 roll construction is easy to use, provides consistent proofs, is high quality, cost effective, and industry standard.



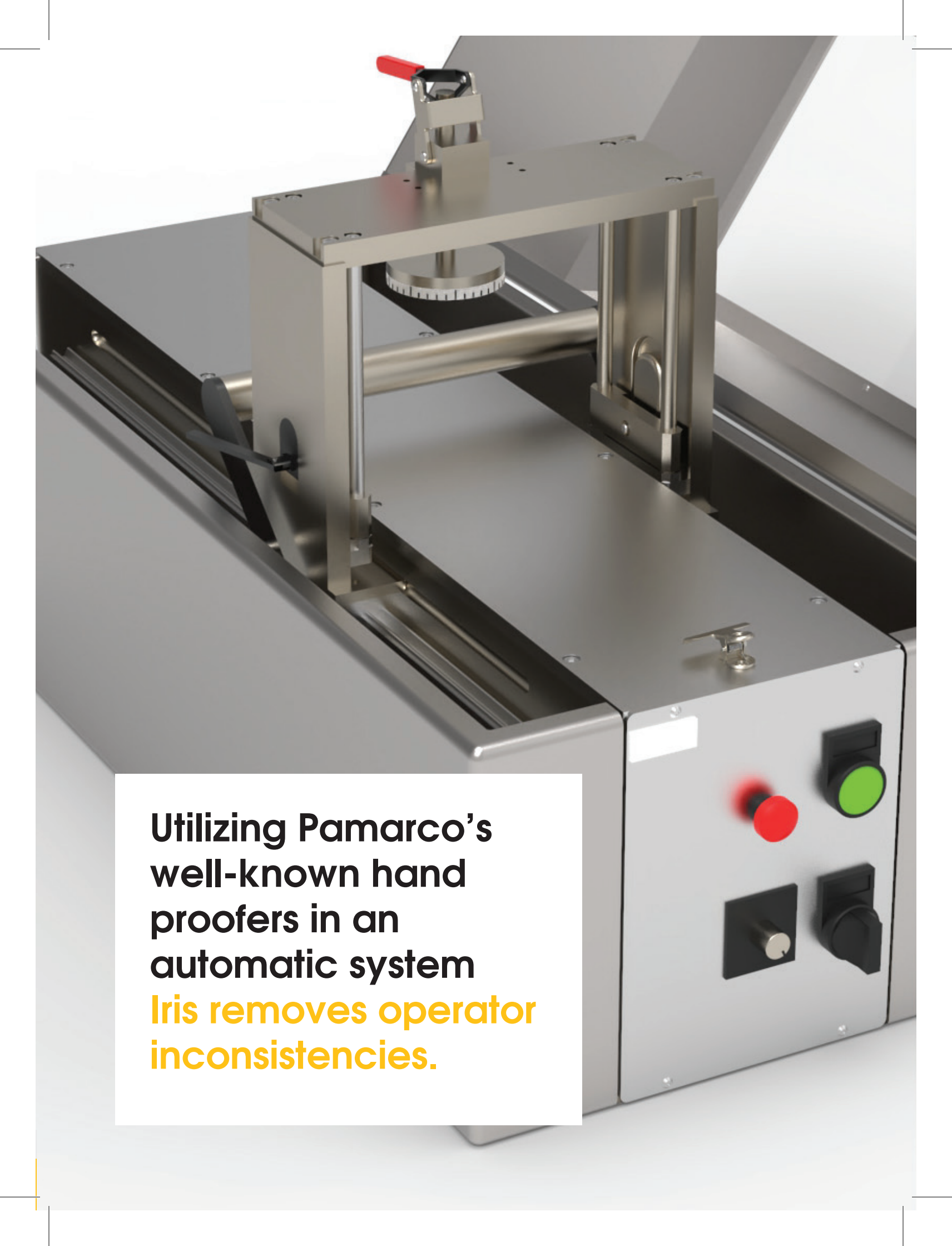
### Quick Change Proofer

Based on standard handproofer with 2 roll construction. Quick anilox changes to fine tune proofs, eliminates need for multiple handles, and is easy to clean.



### Roto Proofer

For our gravure customers who need a direct anilox impression on their wide variety of substrates. Doctor blade metering and consistent proofs – easy to use.



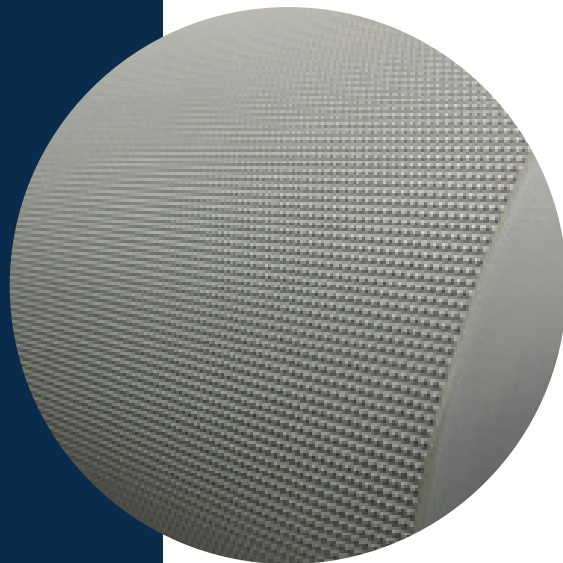
**Utilizing Pamarco's  
well-known hand  
proofers in an  
automatic system  
Iris removes operator  
inconsistencies.**



# Emboss

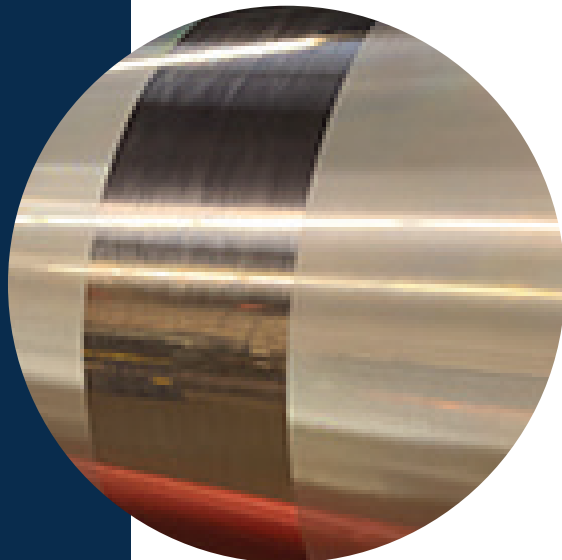
## TexBoss

This is the process of creating a precision-engraved embossing roll with the ability to deliver superior characteristics of form or function, such as shine/dullness, rigidity/suppleness, smoothness/texture to a substrate. This process is performed with intricate hand-tooled mills and exact engraving techniques on finely honed roll bases. Desirable for plastics, films, vinyls, glass, leather, wall coverings and non-wovens.



## ElectroBoss

A roll coated with hard copper can normally be engraved in two weeks, making this process an excellent vehicle for high volume needs. Engraved rolls utilizing this technique are chrome plated and finished with either a dull matte or high gloss surface as required by the end product. Ideally suited for specialty film, wall covering, paper, foil and special logo applications.











# Gravure

## Prepress & Design

Pamarco has an exclusive agreement with Saueressig of Vreden, Germany, giving us access to the largest library of designs in the world for the resilient vinyl, floor covering, and decorative laminate markets.



## Engraving & Chrome Plating

We are equipped with seven electronic engraving machines that have a capacity up to 2400, vertical chrome plating, and the ability to plate multiple small gravure cylinders.







## Proofing & Inspection

Proofing of all orders up to 5 meters maximum length of cylinder. Inspection data archived and logged for future retrieval.





# Offset

## Anilox Coating

Pamarco offers services in the Offset Anilox Coating industry through cleaning solutions, laser engravings, and more.



## Ink Management

Sentinel iPro is the leading cartridge based ink dispensing system. iPro's electronic eye monitors the amount of ink in the fountain, and automatically replaces it just where it is needed. iPro therefore reduces run waste from overfilling, ink spoilage and skinning, allows faster color changes, and by maintaining a consistent level of ink it eliminates color variation during the print run.







## Press Room Cleaning



DeepClean Ultra is a heavy duty flexo/gravure cleaner formulated for the removal of the most challenging of hard dried inks from all types of flexo plates and anilox rollers.



Highly effective paste intended to be applied with a CARE™ pad and left on anilox rolls for up to an hour. Developed for prolonged contact to give deep penetration and maximum cleaning.



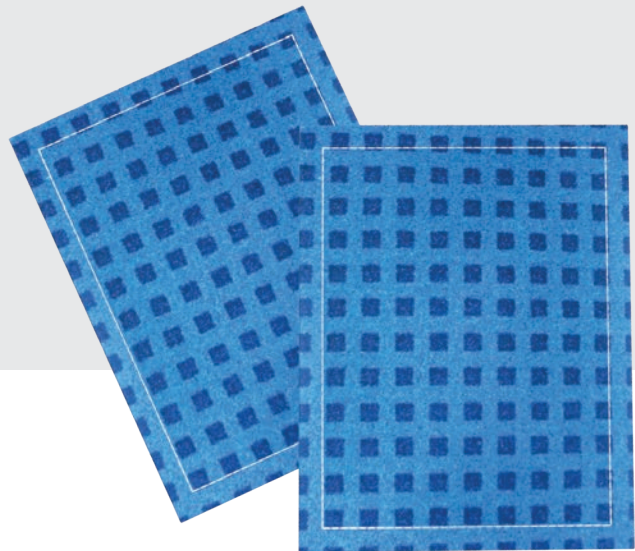
Non-flammable and non-corrosive, CARE® Multi-Kleen removes ink, grease and difficult residues. Anti-reposition and soil suspension agents ensure a bright finish.



CellRestore is an industrial strength, non-hazardous anilox roll cleaner. It is formulated with high-grade surfactants and solvents to quickly remove inks, dirt and grime from the anilox cell.

## New Offset Cleaners

- Restore All Purpose Wash
- Restore UV All Purpose Wash Press Side Wash
- Restore Roller Wash (Auto Wash Approved)
- Restore Calcium Eliminator Roller Rejuvenator
- Restore Universal Plate Cleaner (Conv, UV, LED, HUV)





# Introducing Pamarco's New Ink Destroyer

## Proven Performance, Take The Test.

Start with auditing your press. Then use Ink Destroyer on first down and your standard wash on the second down. Then audit again immediately after cleaning. *Compare the audit results and see the immediate difference.*

**Rapid  
Cleaning  
At Near  
Neutral  
pH**

### Highly Concentrated

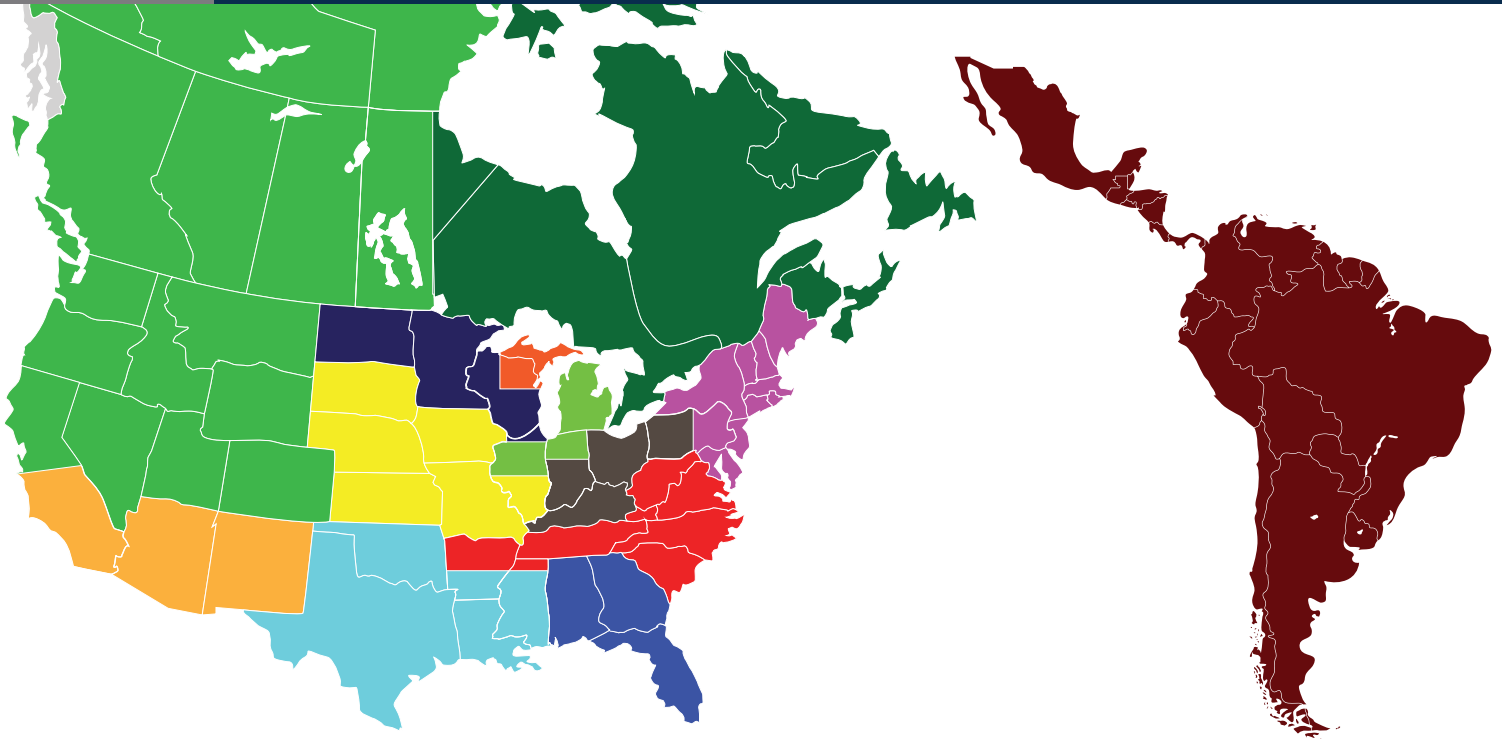
- 30 to 1 for standard wash
- 10 to 1 for Cleaning Plate
- 50/50 for plate cleaning and general pressroom.

### Unique Blend

Derived from limonene, surfactants and other ecological components.

### Diverse Solution

You can use Ink Destroyer with any wash system. With a pH of 9 you can avoid corrosion, but still quickly get rid of ink on your anilox.



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