

# PRINT INSIGHTS

Precision in Every Impression



## Elevating Surface Design with Embossing Dies & Rollers Bringing Depth, Texture and Elegance to Every Surface

In industries where aesthetics and functionality go hand in hand, embossing plays a crucial role At Afflatus Gravures, we specialize in manufacturing high-precision embossing dies androllers, ensuring every detail is captured with unparalleled accuracy. Whether it's luxury packaging, decorative surfaces, automotive interiors, or industrial applications, our solutions bring designs to life with superior depth, texture, and durability.






# Why Choose Our Embossing Dies & Rollers?

## Superior Engraving Precision

Intricate patterns and fine detailing for a premium finish

## Long-Lasting Performance

High-strength materials ensuring durability and consistent impressions

## Versatile Applications

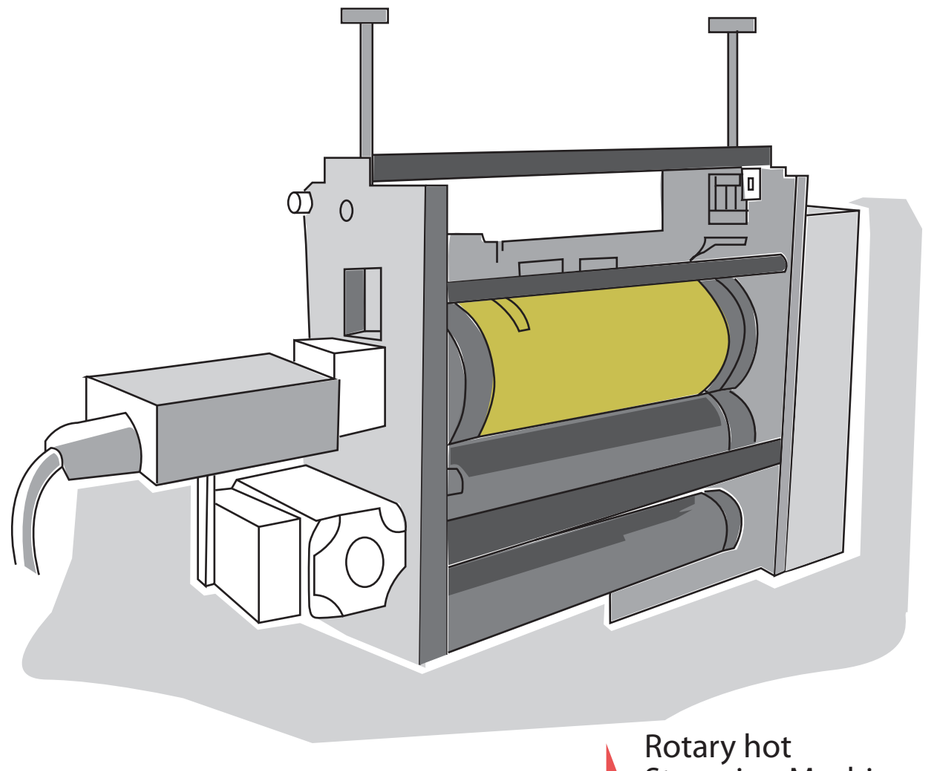
From packaging and flooring to wallpapers and automotive trims

## Customization at Its Best

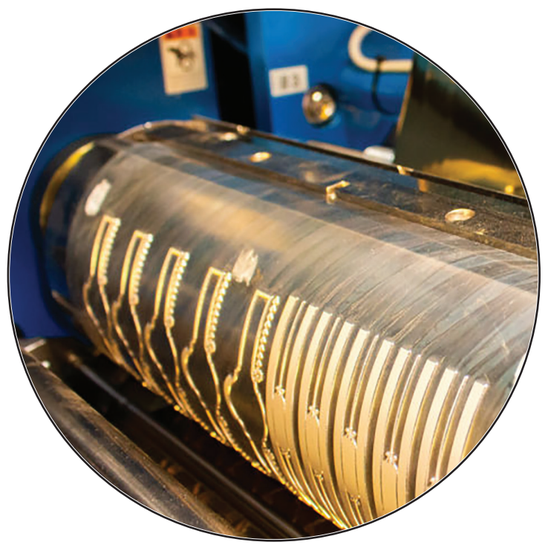
Tailored designs to meet unique brand and industry requirements

## Seamless Integration

Compatible with various printing and finishing systems
With cutting-edge engraving technology and expert craftsmanship, we ensure each embossing detail stands out flawlessly—enhancing not just the visual appeal but also the tactile experience of your products.



Rotary hot Stamping Machine



# Industry Applications

**Luxury & Premium Packaging –** Add richness and depth to high-end brand packaging
**Interior & Decor Industry –** Stunning textures for wallpapers, laminates, and flooring solutions
**Automotive Sector –** Precision textures for dashboards, trims, and interior elements
**Industrial & Textile Embossing –** Functional and decorative embossing for various applications
At Afflatus Gravures, we go beyond conventional engraving methods to offer next-level embossing solutions that set your products apart in a competitive market.

# Optcial Embossing dies content

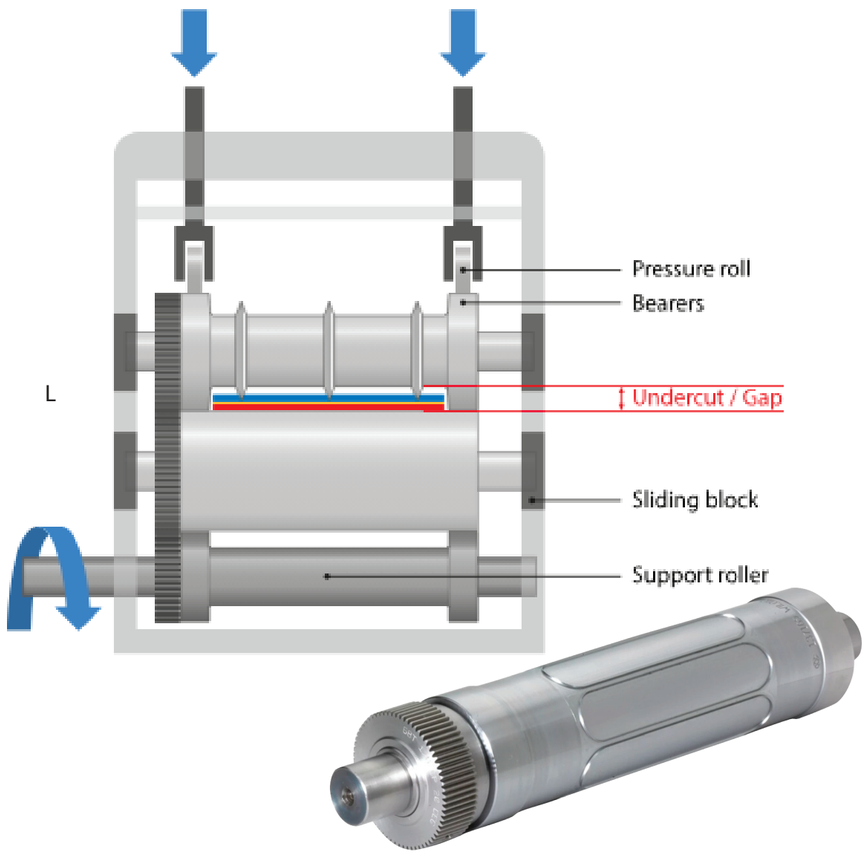
## Perforation Dies




These are specialized tools with sharp cutting edges that are pressed into the material to create the perforations. Perforations guarantee continuous airflow within the bag, ensuring the material inside remains hydrated while maintaining the product's quality.

Perforatiing Roller

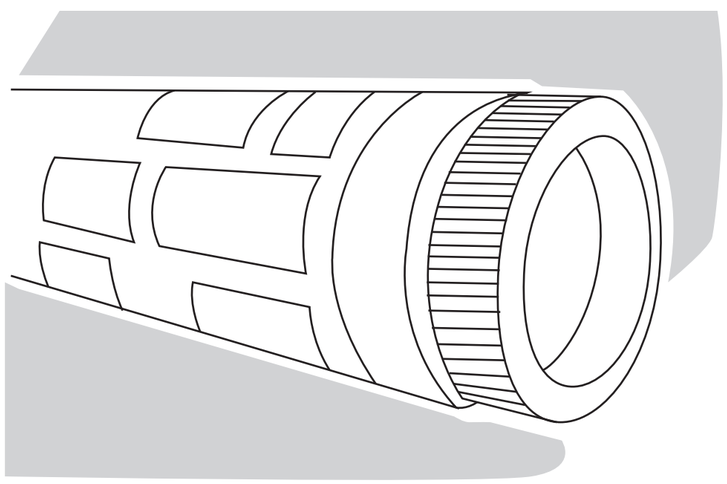
## Solid Rotary Cutting Dies

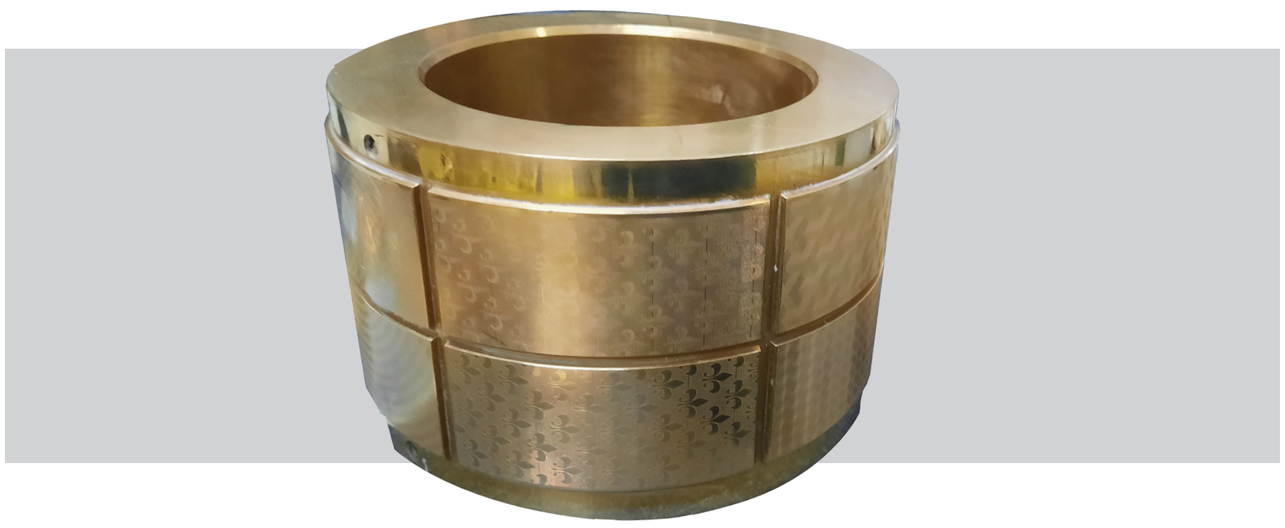



Rotary solid cutting dies are cylindrical tools with cutting edges used in high-speed rotary die cutting machines. They slice through materials like paper or plastic to create precise shapes, scores, or perforations. Mounted onto the machine, they rotate rapidly, efficiently producing large volumes of accurately cut material. Their versatility and efficiency make them vital for various industries, from packaging to label production.

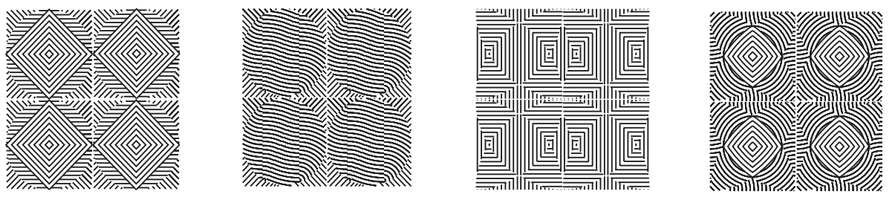
## Rotary HFS Die for Label Print

Rotary HFS (High-Frequency Soft) dies are specialized tools used in label printing processes, particularly for intricate designs or delicate materials. Stumping in line along with printing in high speed (Up to 200)





# Embossing

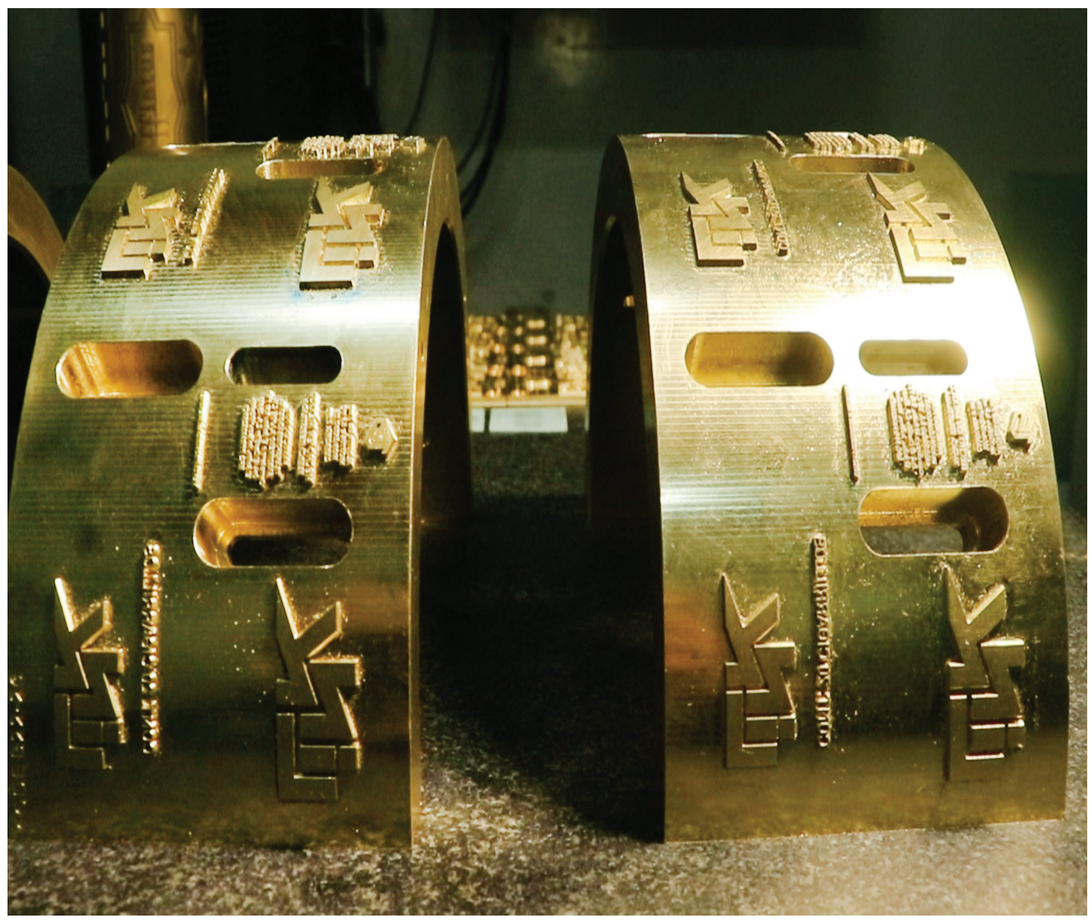


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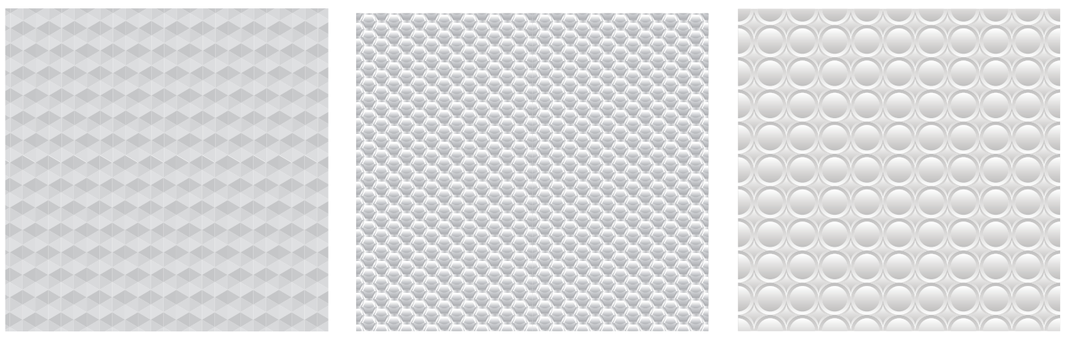
# Semi Rotary Dies

Semi-rotary dies are suitable for short to medium production runs and offer flexibility in handling various label shapes and sizes without the need for multiple tool changes. Semi-rotary dies are suitable for sheet fed operations and it does provide flat stamping at high speed.

Semi Rotary Dies



# Texture Embossing

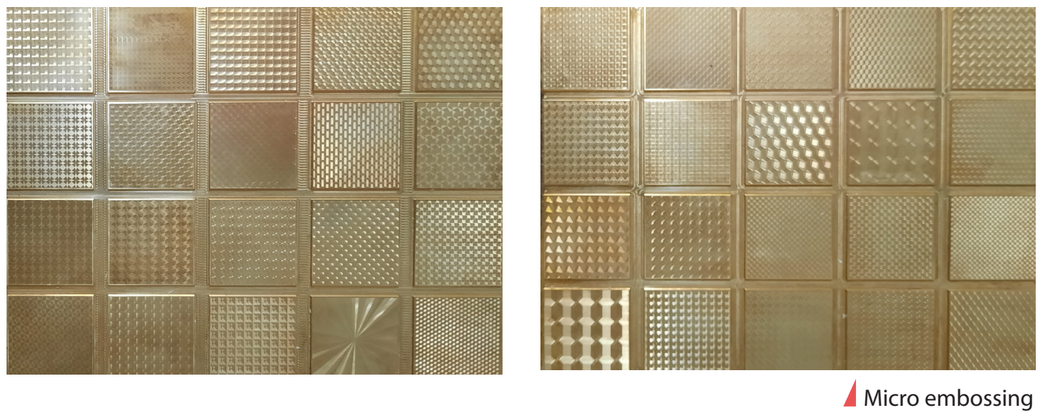


Texture Embossing

It's crafted with the inverse of the desired pattern and used with pressure on the material, typically through a press or roller system. This process enhances the material's appearance and mainly it’s used for security, for avoiding duplicacy, add aesthetic--product look premium and specially give a metallic effect through foil.

# Micro embossing

It involves digitally designing intricate patterns, generating tool paths for precise machining, utilizing specialized embossing tools on the CNC machine to create the pattern, monitoring quality throughout the process, and ultimately achieving highly detailed micro embossing on the finished product.



Micro embossing

## Certifications: A Mark of Excellence

Our pursuit of quality and excellence is validated by the numerous certifications we’ve received, ensuring we meet the highest international standards

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