

Saroglia Foil Stampers - Since 1911

Saroglia, a renowned Italian manufacturer of auto-feed, clam shell die cutters and foil stamping equipment was acquired by APR Solutions, an existing Best Graphics partner, in 2019. Redesigned with state-of-the-art mechanical, electrical, and safety upgrades—new generation Saroglia machines retain the original’s simplicity of set-up, extreme mechanical strength, proven durability and reputation for producing very high quality die cut, embossed, and stamped product.



Saroglia FUB Gold

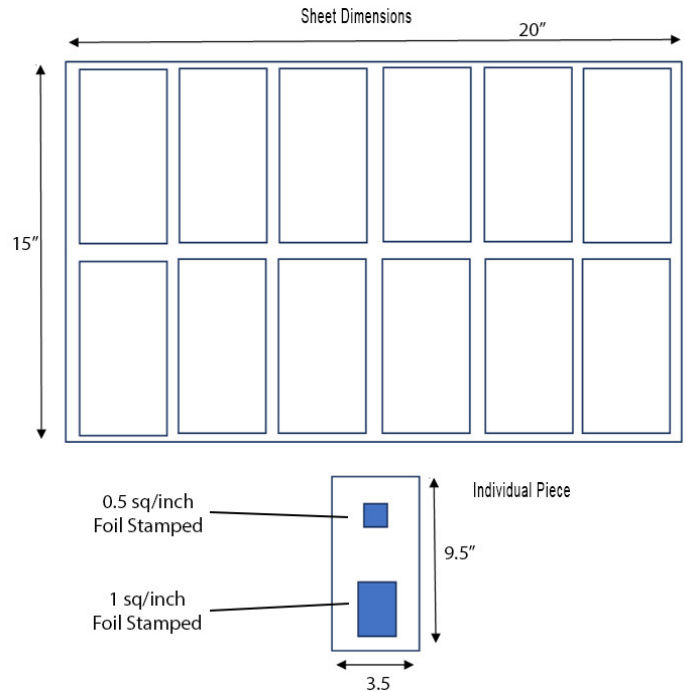
FUB Gold Features

- Digitally Controlled Four Zone Heating System
- Capable of Up to .20" Thick with 110 Ton Cutting Pressure
- Transverse Foil Pull
- Servo Foil Drive
- 2 Draw Foil System with Rewind
- Adjustable Impression Dwell
- Over Tonnage Protection
- Retractable Automatic Feeder: For Easy Operator Access and Very Quick Makeready
- Upgraded Safety Features

Foil Stamping Process

Foil Stamping is a versatile printing process in which a metallic or pigmented foil is applied to the surface of a sheet in order to create a clean and decorative finish. The use of metal dies and heat allows for the metal die to be permanently bonded to a paper base. This process is used widely in the finishing of packaged products for the food, medicine, beverage and high end luxury goods industries.

Foil Stamping Process



Example Explained

In this example, the customer is using a sheet size of 20" x 15" in order to create 12 individual end products. Each finished product had two sections that needed to be foil stamped, the first section being .5 sq/inches and the second is 1 sq/inch. The sheet is 22 point thickness and had 18 sq/inches of foil spacing needed. This is calculated by taking 1.5 sq/inches of foil stamping on each individual product, multiplied by 12 end products per sheet. As a rule of thumb, **roughly one ton of pressure is required for each sq/inch of foiling that is required.** In this example, one sheet was able to make 12 completed products. Since the Saroglia FUB Gold has 110 tons of maximum pressure, this project was easily possible with 18 tons required.

Embossing Application

Embossing follows an extremely similar process as foil stamping. Embossing typically requires more tonnage per sq/inch. A rule of thumb when embossing is to **require roughly 2 tons of pressure per square inch.** Other than this difference in tonnage required, the process for foil stamping and embossing are roughly the same.



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