

nyloflex® Xpress Thermal Processing System

Flexo Digital Steps Up Plate Production with a Complete nyloflex® Xpress Thermal Processing System from Flint Group

**Portrait:**

Located in Honduras and formerly known as Gamut, the company was dedicated to prepress and flexographic plate making, but product and equipment quality issues led the Managing Director, José Ramón Hernández, to look for a better solution. During this time, he was introduced to Flint Group and the nyloflex® plate and equipment products and ThermoFlexX imagers.

In 2018, Hernández opened a new company, Flexo Digital S.A. de C.V., and by May, 2019, his company opened the doors to a full service trade shop with the latest in prepress and platemaking technology.

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Background:

Gamut was a company dedicated to making quality flexographic printing plates using solvent washed plates with high definition flexo imaging in its prepress operation. However, the lack of local technical service and support from its former plate supplier resulted in problems of low solid ink density and inconsistent plate production.

Implementation:

After forming the new company, Flexo Digital, José Ramón Hernández, Managing Director at Flexo Digital, wanted to implement a state-of-the-art flexographic prepress operation in order to supply his customers in the packaging and label industries with the highest and most consistent quality printing plates. In addition, he wanted to employ greater efficiency in his prepress workflow and plate production while at the same time, manage his costs and environmental responsibilities wisely.

Subsequently evaluating several plate and equipment suppliers, Hernández made the decision to go with a nyloflex® Xpress Thermal Processing System FIV, a nyloflex® Combi FIII exposure/light finisher and a ThermoFlexX 48 imager – all from Flint Group. He is currently using the thermal plates, nyloflex® XVH and XPM, and is delighted with the results. According Hernández, “With Flint Group’s nyloflex® Xpress technology, I was able to reach the most consistent ink laydown coverage in comparison with other technologies, including solvent plates.”

Hernández continues, “Our evaluation of the nyloflex® Xpress Thermal System is the only one in which we were able to produce plates that surpassed the print performance of what our customers believed to be the best printing plate in our region.” Now, with the nyloflex® plates, our customers are printing consistently with excellent solid ink density, and we are able to make plates for them in about an hour, since no drying time is required.”



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- José Ramón Hernández
Managing Director at Flexo Digital

In addition to citing cost savings from 94% lower electrical consumption of the nyloflex® Xpress Thermal Processing System as compared to the former solvent processing system, Flexo Digital has been able to reduce plate production time from 5 hours down to 1 hour. The company is also pleased with the reduction of solvent and vapors from the plate room, which helps them to meet their sustainability goals.

Result:

Flexo Digital is positioned as a leading prepress supplier in Central America with customers ranging from flexible packing and corrugated to labels. When asked about the business relationship with Flint Group, Hernández states “It is a very open and friendly relationship providing us with a higher level of trust and confidence than we had before. We are more than partners; we are like a family. The service is exceptional, and I believe Flexo Digital will grow and take additional market share now, with such a faithful and loyal supplier as Flint Group,” Hernández concludes.

