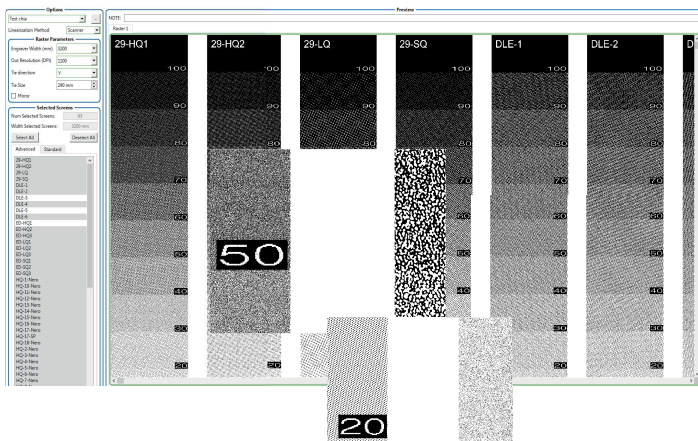


SCREEN

Generate and Applicate of Raster and Printing Matrix

Screen is a RIP developed for the application of screen printing in traditional printing. Through a selection of special raster with different structures and line screens, Screen allows you to take full advantage of any engraving technology. It makes possible to create infinite configurations, and master the different machines or engraving techniques, optimizes line screens and the result in the different substrates. Your graphic creation will finally correspond between the desired gray tone and the printed raster.



Creating standards and linearization

Through an easy and guided process, it is possible to generate and save the different rasters made available by Screen. Having chosen the preferred standards and having verified the homogeneity, will be possible automatically generate a linearization to

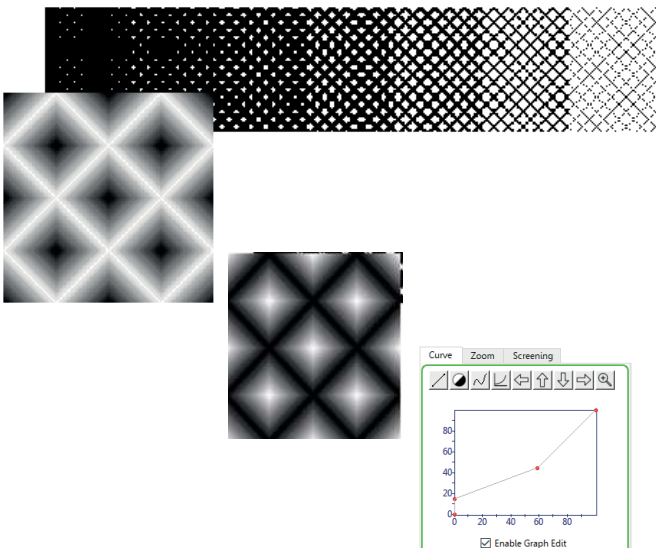
explore all gray tones at 100%.

This process can be done manually, so you can insert a Dot Gain visually or digitalizing a pre-established target. All these factors can be included in a single parameterization to automatize the process.



Creation of Rasters

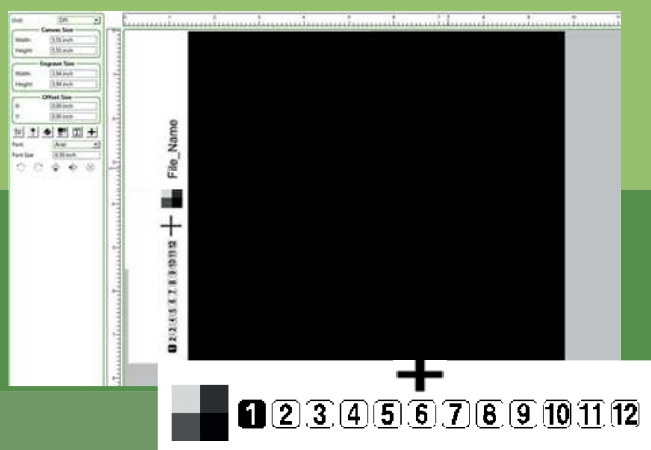
Thanks to this function you will get a list of rasters, among which you can choose between the advanced, the different diffusion errors types such as Sierra, Simple, Burkes, etc., and the standard ones with linear, circular, square, and many others among which there is the possibility of modifying the parameters to eliminate undesired effects.



Loading gray tone channels

Screen is the process last stage. It starts working with a gray tone or a separate image in channels. Screen can open and interpret automatically images separated in channels created in Photoshop.

Upon opening, the image will automatically be decomposed and reticulated separately channel by channel



Create Rapport images and print marks

At the final screen, besides being able to name the final file and the generation folder, will be also possible to replicate repetitions in order to complete the final engraving dimension or automatically apply, through the definition of customizab-

le standards, some references of centration or information related to each channel.

This will allow you to have the engraving information and everything needed to control the different stages process, from the engraving creation to the washing impression.

