

HYBRID



Highest Quality Engraving that Printers love

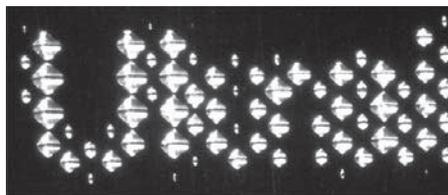


Customers with Hybrid Engraving report superb results in engraving and printing. Printers love Hybrid Engraved cylinders because there is no need to adjust for it. The unique diamond-like shape cut by Hybrid Engraving carries ink volume like a traditionally engraved cylinder.

OHIO was the first to offer the Hybrid Engraving System that delivers unprecedented quality to the gravure market. Our Hybrid Engraving works on both line work (LW) and continuous tone (CT) images in a single operation, unlike other technologies that only work on 100% tone.

Although the Hybrid Engraved cells look like traditional cells, they are formed by a unique algorithm that controls size, shape and placement for unmatched quality. Hybrid Engraving combines the benefits of electro-mechanical engraving and chemical etch, with the unique ability to place cells off the grid. Laser-like quality without the laser expenses!

Traditional engraving shows the typical partial cells engraved on the normal 'grid'.



Hybrid engraving creates shapes that are sharp and clear.



Hybrid Engraving repositions both LW and CT cells at the transition edges for a more accurate reproduction of the

HYBRID

ENGRAVING SYSTEM



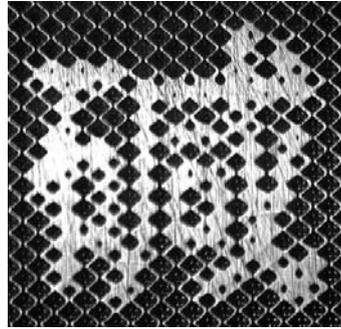
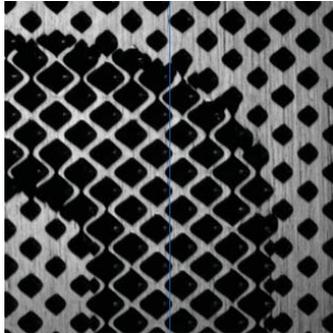
original artistic image. It uses the same electronic engraving cell shape, but with enhancements at the edges. Therefore it provides the ink transfer predictability of a traditional cylinder, but with a much higher print quality result.

Hybrid Engraving is ideal for the smallest text and thinnest image elements; bar codes, drug labels, security, cigarette packaging, and micro-lettering such as this 1 point text:



As the number of OHIO engravers with Hybrid increases around the world, more Hybrid cylinders are being put into production, and the response has been extremely positive. Printers are pleased they do not have to change anything in their process because of Hybrid's traditional diamond-shaped cells. And Hybrid produces cell depths that allow for good ink coverage for superior printed results.

Below are micro-photographs of 6 point negative text. Can you tell which one is Hybrid Engraving and which is the traditional engraving?



Hybrid Engraving
75% text on 50% tone



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