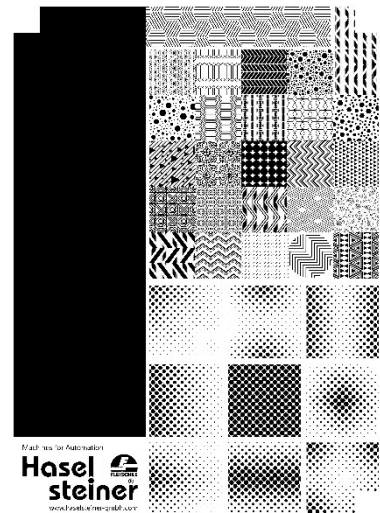


New Technology for the flat glass industry

Digital Screen-Printing Technology – based on laser technology with “ordinary” ceramic ink!

We, the Haselsteiner GmbH based in Austria is pleased to announce that the almost impossible has been accomplished by utilizing the latest laser technology for the digital screen-printing process. The development of the machine has taken years but over the last two years excessive testing and ceramic ink printing has been carried with very satisfying results. For the last couple of months, the first “Digital Screen-Printing Machine” is in production at customer location in Germany. The new “Digital Screen-Printing Machine” can be an almost 100% replacement of a standard screen-printing machine for a flat glass processing plant.



Digital Screen-Printing Machine

The advantages are shown best- in total production flexibility:

| | | |
|----------------------|-----------------------------|-------------------------------------|
| Printing resolution: | 1200 x 600 dpi | No big screen storage area required |
| Printing speed: | 250 mm/sec (15 m/min) | No more screen cleaning |
| Printing capacity: | <90 m ² per hour | No moer screen preparation required |
| Ink thickness: | 10 - 60 µm one pass | No purging required |
| Particle size: | <40µm | No weekly circular pumping required |
| Printing heads: | 1 printing head | No series production required |

Glass sheet after glass sheet can be different in thickness, glass size, shape & layout (motive), due to digital data transfer from glass sheet to glass sheet.

Total automation possible:



Please visit us at:
Hall 12/A61

