

spgprints®



THORIUM

The new evolution in  
direct laser engraving  
for multiple applications

Printing tomorrow.



# THORIUM

## „All IN ONE“ direct laser engraver - replacing our successful HELIOS

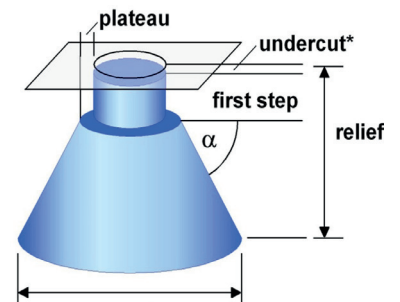
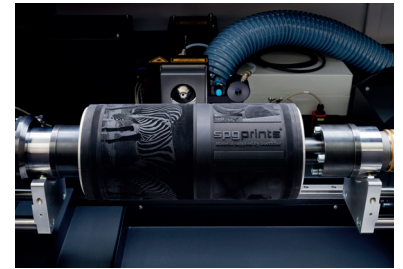
Printers can produce the highest quality print with a shorter, solvent-free process, for longer runs and multiple cost saving potentials in the printing process.

### NEW FEATURES

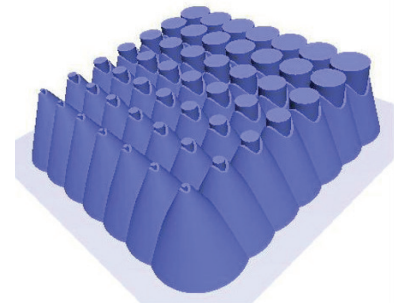
- **No gas consumption**  
sealed CO<sub>2</sub> laser generator
- **Lower operational cost**  
no process gas costs  
automatic „standby mode“
- **Faster service analysis - less downtime**  
improved remote service control
- **Multiapplicational system**  
Dry offset / Intaglio / Varnish / Screen

### ADDITIONAL FEATURES

- **Solvent free process, sustainable**  
single step dry process
- **Stabel highlight dots - less plate cleaning - longer runs - reduced process steps**  
due to Active 3D® dot shaping (RIP)  
due to below surface dot
- **„Open system“ - license-free**  
all common file formats (PDF, ESKO LEN,...) supported with „Flexopower“/bestIMAGE



„Active 3D RIP“



### TECHNICAL SPECIFICATIONS

#### Laser

sealed 500W CO<sub>2</sub> laser

#### Cylinder mounting surface

max. 900mm x R1256

#### Sleeve diameter (outside)

60 - 400 mm (3,4 - 15 inch)

#### Sleeve width

150 - 950 mm (5,9 - 37,4 inch)

#### Resolution variable up to

10.160 dpi

#### Dimensions machine L x W x H

3400 x 1300 x 1315/1860 mm

