

As a leading full service provider in the packaging, security and decor industry, all technologies currently available on the market are utilised for the production of rotogravure printing formes. The direct laser system uses a laser beam to create the image onto the zinc and/or copper surface of the cylinder without actually touching the cylinder.

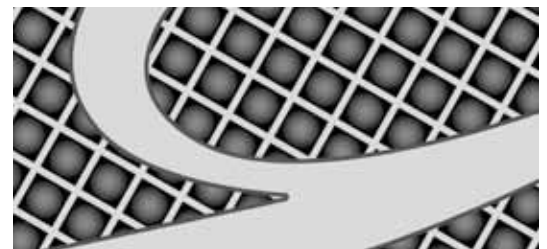
The excellent quality of the direct laser is evident by the high resolution image reproduction and perfect half tones (vignettes). Line and text elements are characterized by optimal acuity and perfect solid tones.



Direct Laser Engraving

Cylinder sizes of shaft and shaftless cylinders		
Circumference: 157 mm – 1570 mm	Face length: 100 mm – 2200 mm	
	Screen width	Cell type
Standard	40 – 140 l/cm	Autotypical Frequency modulated

Screen options: standard, cushion, special. Custom-tailored solutions are available any time. Please contact us for additional information.



Standard screen with outline

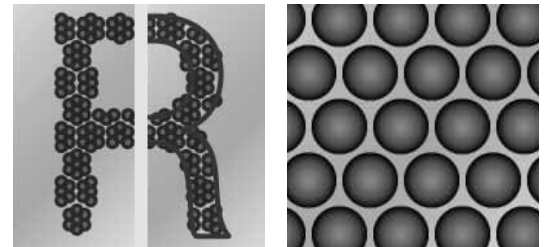


100 l/cm screen

Direct Laser System (DLS)

(by Daetwyler)

Cylinder sizes of shaft and shaftless cylinders		
Circumference: 450 mm – 1120 mm	Face length: 720 mm – 2200 mm	
	Screen width	Cell type
Standard halftone (single shot)	90 – 140 l/cm	Half autotypical Conventional Super half autotypical
Standard halftone (Masterscreen, Optical resolution 200-360 l/cm)	60 – 100 l/cm	Half autotypical Conventional
Technical cylinders and coarse screen (Masterscreen, Optical resolution 156-380 l/cm Additional option: Outline)	30 – 110 l/cm	Half autotypical Conventional (small and large honeycomb)



Masterscreen with Outline

Single Shot



Masterscreen with Outline

Think Laser

Cylinder sizes of shaft and shaftless cylinders		
Circumference: 350 mm – 1520 mm	Face length: 200 mm – 1800 mm	
	Screen width	Cell type
Standard	6 – 120 l/cm	Autotypical

The Think laser offers a very flexible screen design. Individual customer solutions are available any time. Please contact us for additional information.



Com +

Diamond

Geometric



Rounded dot

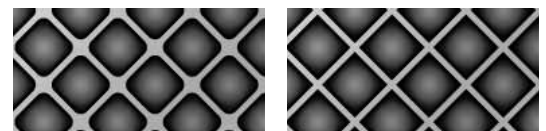
Geo 16

TB

Laser Etching

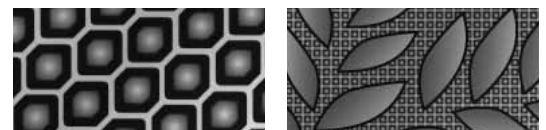
Cylinder sizes of shaft and shaftless cylinders		
Circumference: 157 mm – 1413 mm	Face length: 100 mm – 1700 mm	
	Screen width	Cell type
Standard	40 – 200 l/cm	Autotypical Frequency modulated

Screen options: standard, cushion, special. Individual customer solutions are available any time. Please contact us for additional information.



Standard screen

Cushion screen



Honeycomb screen

Special screen with Outline

Production capacities per year	
Direct Laser Engraving: 35 000	Laser Etching: 10 000

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info@janoschka.com
www.janoschka.com



m.janoschka.com/rotogravure

Page 2