

**FLEXO LASER**



**Lasersystems 2010**

# The "open" system

Flexolaser produces dedicated imagers for flexo and letterpress applications. Plate and Sleeve handling are optimized to lower waste and increase productivity.

The Flexolaser family is designed to achieve the highest quality output at lower costs. Fiberlaser technology is used for ablation of the LAMs layer on digital flexo and letterpress plates.

The maintenance-free design of fiber-lasers result in low service costs, extended lifetime, reliability and continuous production.

On the assumption that sleeve technology is the future of quality Flexo printing, there are also hybrid versions that process both plates and sleeves and the change during production with the patented Quick Sleeve takes just a few minutes.

The open network interface accepts TIFF data from any standard RIP-Program or Server.

## ***New Software Concept***

Flexolaser devices are not stand-alone machines; they operate in a network environment. The Lasersetter is plugged into the House network and can be accessed from every PC/Mac. Flexolaser images into the LAMs layer from finished 1-bit TIFF files received from any prepress system – either in-house or supplied.

- MultiPlate software controls the output to the Flexolaser and can be installed on any Mac or PC workstation in the network. The Software accepts 1-bit TIFF data from any RIP to output on the Flexolaser.
- MultiPlate software is also used to fill the plate with different jobs and to optimize the coverage of the plate.

## ***Broad Format Range***

- No format problems with Flexolaser devices:
  - Type Piccolino and Piccolo for label and narrow web applications.
  - Type Medio for medium format flexo plate production.
  - Type Largo and XLargo for plate formats up to 203 cm.



**nano**



**piccolino**



**piccolo**



**piccolo fx**



**medio**



**largo  
xlargo**

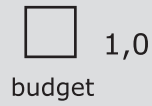


# Size

# Productivity in m<sup>2</sup>/h

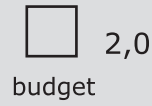
Flexo Plate - Letterpress (metalback) optional

508 mm  
x  
420 mm



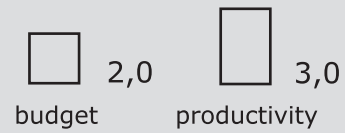
Flexo Plate - Letterpress (metalback) optional

635 mm  
x  
500 mm



Flexo Plate - Letterpress (metalback) optional

635 mm  
x  
762 mm

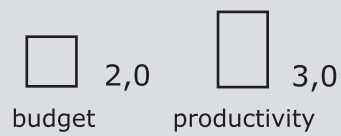


Flexo Plate - Letterpress (metalback) - Sleeve

635 mm  
x  
762 mm

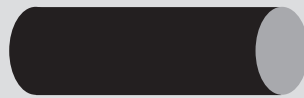


length max. 800 mm  
repeat max. 700 mm



Flexo Plate - Sleeve optional

900 mm  
x  
1200 mm

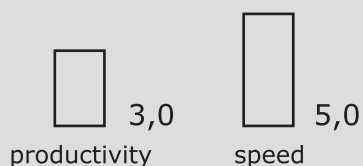


length max. 1300 mm  
repeat max. 950 mm

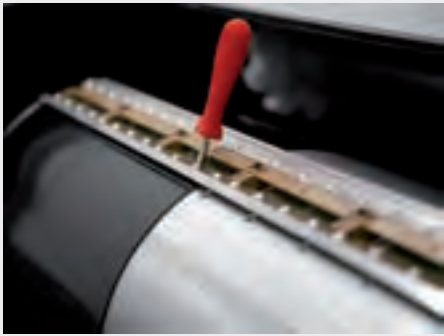


Flexo Plate

1067 mm (1270 mm)  
x      x  
1524 mm (2032 mm)



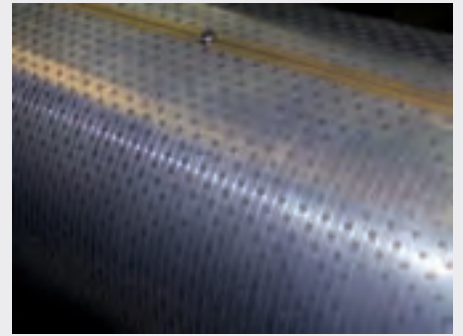
## Advanced plate handling



Autoclamping System

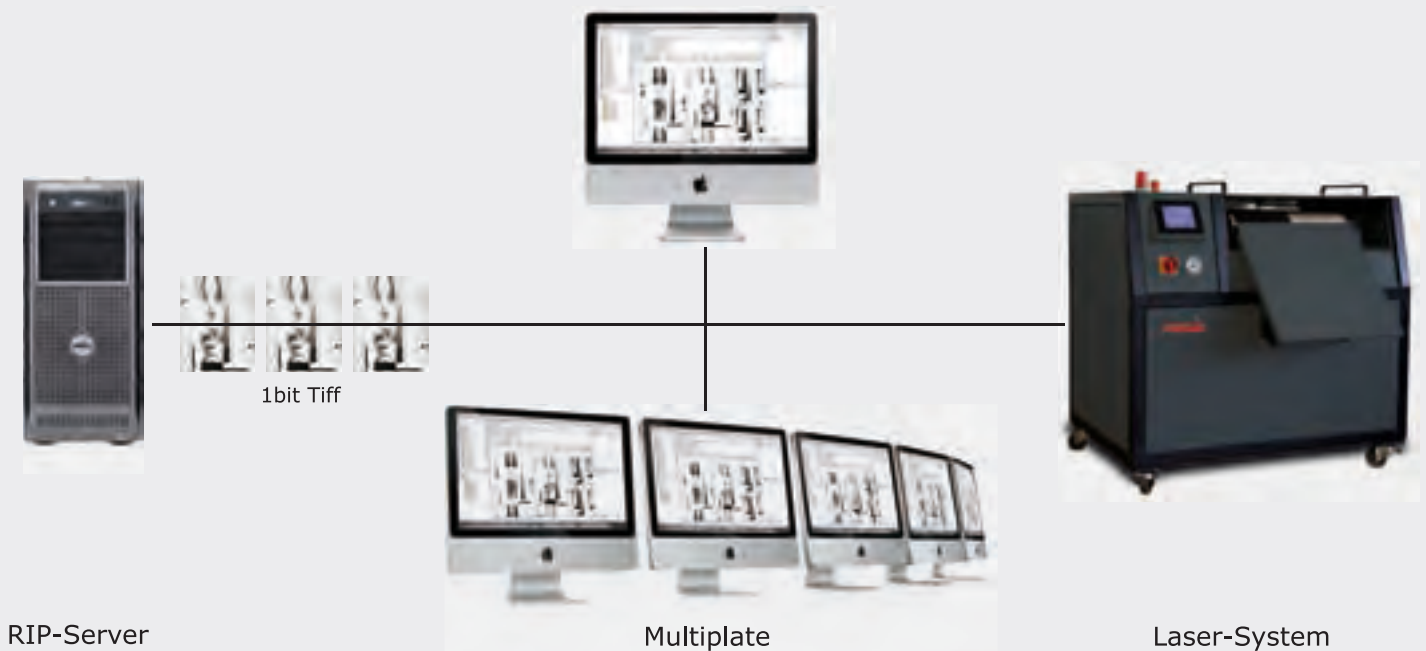


Automatic Vacuumslider



Hybrid drum (vacuum/magnetic)

## Flexible workflow integration



## Multiplate



Multiplate is the license free multi user application to prepare jobs and control the output on the laser systems. Windows PC and Apple Mac OSX versions are shipped with every Laser system.

Multiplate is used for:

- Definition of the plate
- Placing, arranging 1bit Tiff data
- Including Job info
- Sending Jobs to the Lasersetter
- Control of the Job-Spooler
- Progress information of every Job
- Archive-Function
- Service Menu



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