



Neos

*...greater flexibility and simplicity  
in your pre-press operation*

**Advantages:**

- easy to use
- consistent quality
- quality reproduction over longer runs with flexo and letterpress
- environmentally friendly
- economical
- only two process steps
- error reduction
- excellent repeatability



The Neos 5010 offers label printers everywhere enhanced quality and a much shorter, simplified workflow when

producing traditional printing forms. This CO2 direct laser engraving system allows flexo and letterpress forms to be created digitally in a single step. This results in quicker response times with greater

flexibility to meet customer demands, without compromising in any way on quality.

Laser	CO2 single beam 300 W
Resolution	adjustable up to 2540 dpi
Raster	up to 60 L/cm (flexo), 70 L/cm (letterpress)
Surface speed	max. 18 m/sec at 2032 dpi
Revolution speed	100 - 2400 rpm
Productivity	up to 0,35 m <sup>2</sup> /h at 2032 dpi up to 0,40 m <sup>2</sup> /h at 1270 dpi
Dotshape and steepness	operator controlled
Smallest unsupported dot	20 μ (below surface dot is possible)
Engraving depth	operator controlled
Supported data formats	*.tif, *.pdf, *.lyr, *.bmp and others

(\*... is depending on material, relief depth, raster and resolution)

*Flexo plates / letterpress*

Engraving length	max. 620 mm = 24,4"
Repeats	R 267 - 1206 mm ~ 10,5" - 47,5"

Dimensions / Weight 6010	LxWxH: 2200 x 1130 x 1285 mm / 1350 kg
Power supply	3x400V - 50Hz - 10 kVA (incl. chiller, without suction unit)

**Engravable materials:**

Flexo plates, letterpress and dry offset



Polymer-/Letterpress- plate



Relief printing plates

[www.directengraving.com](http://www.directengraving.com)

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