



**MARQUIS**

# COLOUR PRINTING

Product sheet: colour small and large format/offset

**MONTMAGNY**

## Customers benefits

Heidelberg Speedmaster XL-106

**Equipment**



### **Offset colour printing benefits**

Our new XL 106 UV LED press allows us to offer a wider range of paper options, including uncoated papers, without compromising on print quality. UV LED technology allows the ink to dry quickly on the surface of uncoated papers and to obtain similar results as on a more expensive coated paper.

Compared to traditional uncoated technology, our XL-106 UV LED also offers:

- Better ink density control
- Higher brightness and contrast
- A wider range of sizes
- An alternative to uncoated web colour for large-print runs with better print quality
- Better resistance to smudging and rubbing

### **Sustainability advantages**



- More environmentally friendly: the press was manufactured using a carbon-neutral process (certificate available)
- Fewer VOC emissions, as no heat is required for drying
- Better results than conventional offset technology on environmentally friendly recycled paper and other uncoated papers
- Less paper waste due to precise paper size adjustment
- The feeding of this sheet-fed press can also be done by rollers thanks to the use of the CutStar technology, which reduces the energy consumption compared to the feeding by sheets
- UV LED technology eliminates the need to use any type of coating
- UV LEDs consume 10x less energy than conventional UV, like the LED lights in our homes
- Thanks to the UV LED, there is no ozone emission
- The standby function of this press reduces electricity consumption by up to 50 percent

## Targeted products and paper options

<b>Targeted products</b>	<ul style="list-style-type: none"> <li>• Tradition trade colour books</li> <li>• Educational books</li> <li>• Recipe books</li> <li>• Colour mangas</li> <li>• Comic books</li> <li>• Coffee table books</li> <li>• Photography books</li> <li>• Art books</li> </ul>
<b>Non-targeted products</b>	<ul style="list-style-type: none"> <li>• Newspapers</li> <li>• 1 colour &amp; PMS novels</li> </ul>
<b>Papers</b>	<ul style="list-style-type: none"> <li>• All papers are compatible coated and uncoated, in rollers or sheets</li> <li>• Marquis recommends the use of uncoated and recycled papers for reduced environmental impact without compromising print quality</li> </ul>

## Printing

<b>Min./Max. quantity</b>	<p>Min.: 250* (thanks to the Push To Stop system)</p> <p>Max.: Always depends on formats and page counts</p>
<b>Standard roll size</b>	41.5" and 37.5"
<b>Trim sizes</b>	<p>Min. : 4" x 6"</p> <p>Max. : 12" x 12"</p>
<b>PMS</b>	No; for PMS we will use the Heidelberg SM 102 5 colours (1 PMS + 4C process)
<b>Ink type</b>	LED UV
<b>Samples availability</b>	Yes
<b>Compatible with Marquis Express</b>	Not at the moment

## Binding options

<b>Standard</b>	All options available
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The Speedmaster XL-106: a technological prowess of the Industry 4.0 era.  
The press prints up to 18,000 sheets per hour, or 5 per second.

**Learn more about our products and services at [marquisbook.com](https://marquisbook.com) or contact your sales representative.**

