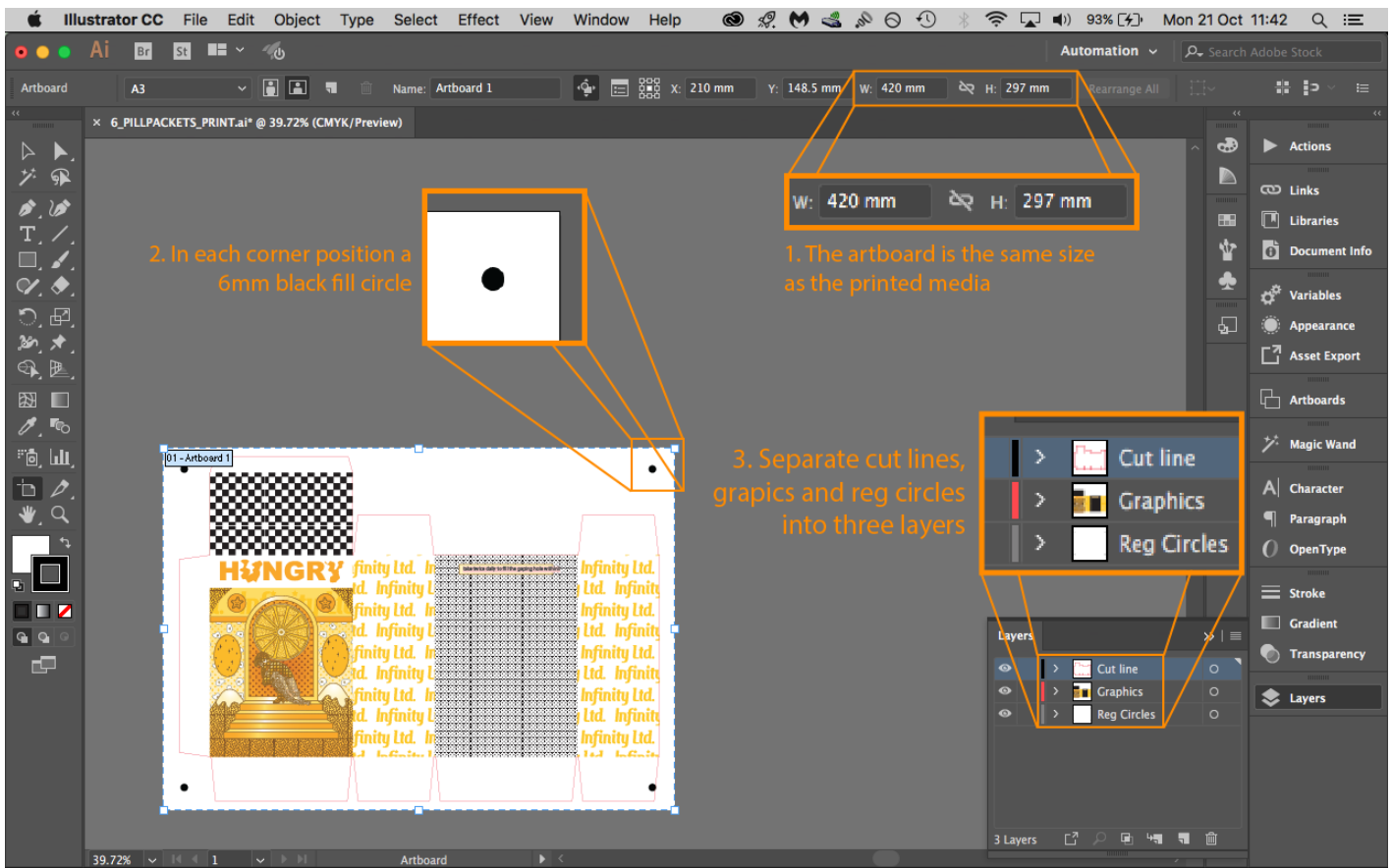# File preparation for Trotec Camera registration

The SP500 laser cutter is capable of perfectly cutting printed material assisted by a camera system and registration mark detection. The lasercutter can account for rotation, scale and distortion to adjust the cut lines to match your printed artwork. **Please discuss with a technician prior to printing your graphics.**

File set up

1. Artboards should be the same as the printed paper size
2. Position 6mm black fill registration circles with a 0.001 stroke in each corner
3. Separate your cut lines, graphics and registration circles into 3 layers. These layers should be named:
   - Cut Line
   - Graphics
   - Reg Circles

Downloadable templates

A4 (297x210)   **A3 (420x297)**   **A2 (594 420)**

2. In each corner position a
6mm black fill circle

1. The artboard is the same size
as the printed media

W: 420 mm   H: 297 mm

3. Separate cut lines,
grapics and reg circles
into three layers

Cut line
Graphics
Reg Circles

An example of a finished printed box cut using the trotec camera is shown below:

Next Page: Embossing or Debossing preparation

Return to: Laser cutting information menu