



SmartVISION™ Pro CCD

SmartVISION™ Pro CCD is a unique artificial intelligent system that learns and memorizes any type of printed graphics* as registration marks, and search mark locations to perform precise contour cutting for printouts.

Traditional Solution for Contour Cutting

- Troublesome material setup is required for positioning
- The creation of a jig for positioning may also be needed.
- Must place material carefully and precisely.

✓ GCC's Solution

GCC LaserPro utilizes CCD module to enhance productivity as it is able to learn, memorize and locate the printed graphics to perform contour cutting and automatically make adjustments to ensure the material is cut correctly.



SmartVISION™ Pro CCD Key Benefit

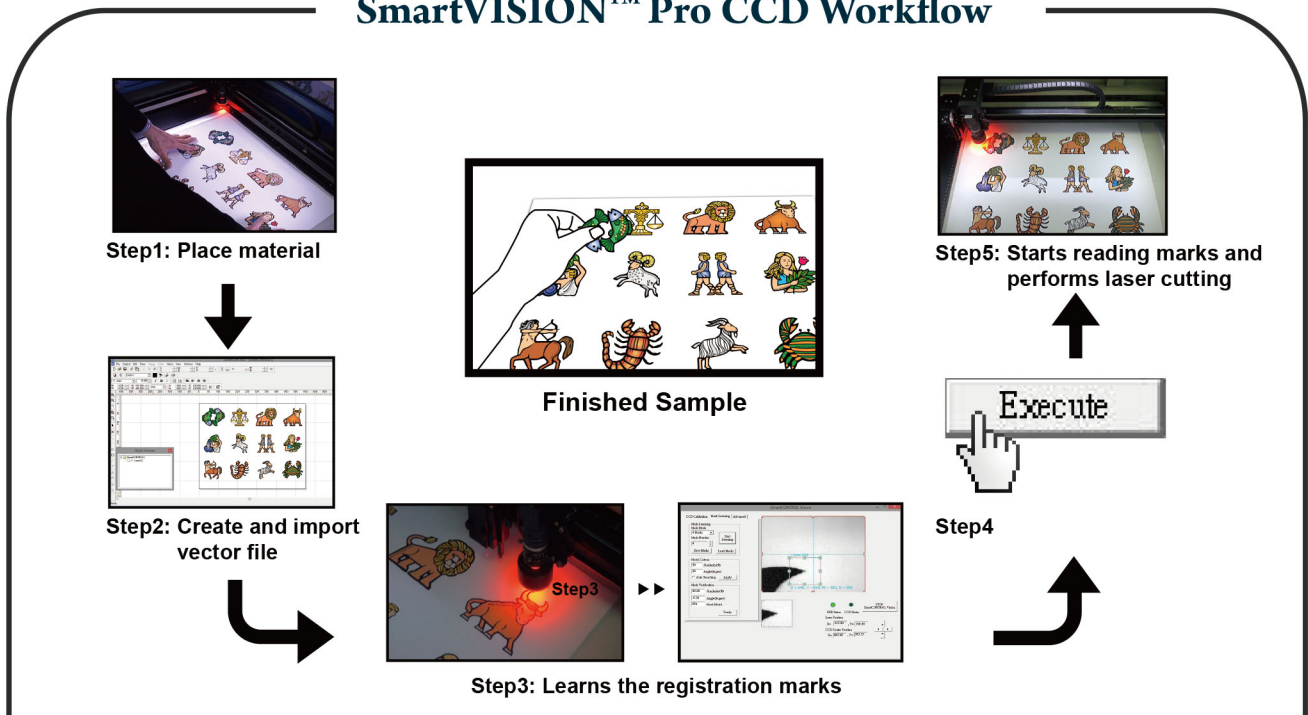
- ★ Precise solution for contour cutting
- ★ No limitation to registration mark types*
- ★ No change needed for printing house workflow
- ★ Auto compensation to printed distortion or placement offset

* Use circle, square, cross as registration marks when high precision cutting is required.

Target Applications---Non-flexible material print and cut application

- ◆ Package Prototyping
- ◆ Electronics
- ◆ Promotional / Gift Items
- ◆ Textile (Technical Textile, Leather,..)
- ◆ Sign

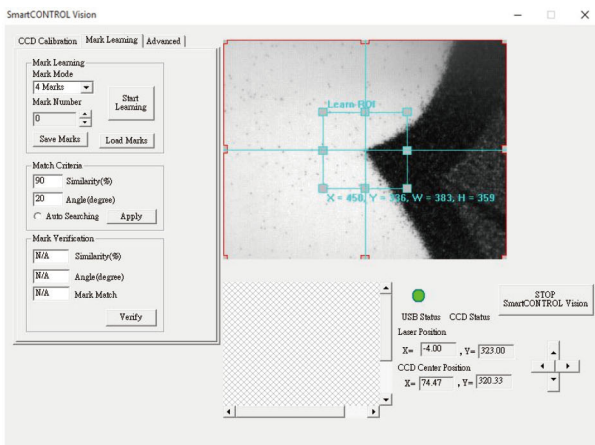
SmartVISION™ Pro CCD Workflow



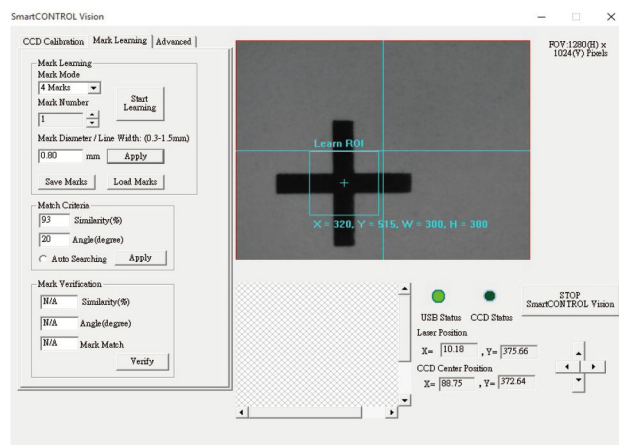
Two Types of Registration Marks

SmartVISION™ Pro CCD module is designed to memorize registration marks, and search mark position afterwards. Two types of registration marks can be applied---Graphic Marks: use part of pointed graphic as registration mark, or Symbolic Marks: use cross, circle or square as registration mark.

Graphic Marks



Symbolic Marks



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