

TOPFLIGHT INNOVATIONS

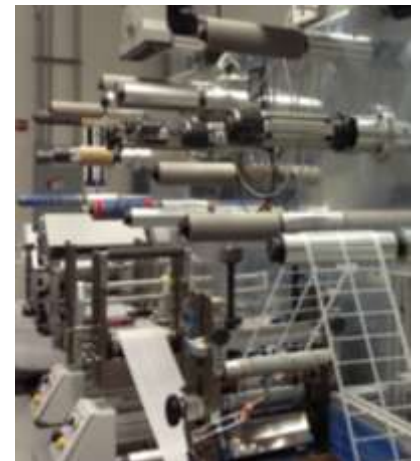
Printing & Converting Capabilities

Topflight has over 70 years of experience printing and converting complex parts. Extensive onsite support services ensure consistent quality from design through final delivery – R&D design engineering, prototype lab, machine shop, ink matching & mixing, graphic arts, plate & screen making, packaging & assembly, and quality testing & assurance.

- ✓ Converting Technologies – inline rotary, flatbed, punch press, and laser cutting for clean, burr-free, distortion-free edges
- ✓ Printing – flexo, letterpress, rotary screen, roll-to-roll flatbed screen, combination letterpress/rotary screen or flexo/screen, and digital. Up to 12 stations inline.
- ✓ Prototype Lab – laser cutting, bench top punch press, flying knife, laminating
- ✓ Metallic foil hot and cold stamping
- ✓ High speed blanking (of traditionally difficult materials)
- ✓ Two-ply and multi-ply expanded content constructions
- ✓ Multi-layer laminations (up to 8 layers in registration)
- ✓ Island placement – supported & unsupported materials
- ✓ RFID converting & testing
- ✓ Specialty inks & coatings – radiopaque, conductive, security, chromic (thermo, hydro, photo), iridescent, chemically reactive, tactile. UV, solvent, water based systems available.
- ✓ Deep adhesives experience – inert, skin friendly, double-liner systems, pattern printed, zoned, conductive, medical grade, adhesive free constructions
- ✓ Experience with conversion of thicker/softer adhesive systems
- ✓ Materials expertise includes – wovens, non-wovens, papers, films, foams, filter media, membranes, hydrocolloids, hydrogels, plastics, foils, shrink (PETG, PVC, PLA), and high temperature materials such as PEN and Kapton.
- ✓ Digital print heads – for variable and liner numbering
- ✓ In-line and offline vision and inspection systems
- ✓ ISO 9001:2008 and 13485:2003 certified



Our production floor combines commercial presses with a number of proprietary, Topflight-designed machines. Our in-house engineering group has the capability to customize or modify any of our presses to accommodate any challenge.



Servo-driven, precision die-cutting, with tolerances as tight as ± 0.001 " when using flat bed dies.