

PROCESS CAPABILITIES



45,000+ square foot Facility



THERMOFORMING

- ✦ 16 Ovens for all types of thermoforming – the largest capable of forming 11' x 17' sheet
- ✦ Cut-Sheet Forming – Precision Drape Forming – Therm-O-Ject™ Forming

POST-COATING

- ✦ 3,500 Sq.Ft. Class 10,000 environment clean room
- ✦ Multiple coating lines & processes



LASERS

- ✦ KERN High Speed Engraving Laser– 60" x 120" Table – 150 Watt CO²
- ✦ TELESIS C-Series CO10A-10E Laser Marking System
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TRIMMING

- ✦ 5 Axis CNC – 5' x 10' CR Onsrud, Multiple Tool Changing
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- ✦ 5 Axis CNC – 6' x 12' Twin Table, Multiple Tool Changing
- ✦ 3 Axis CNC – 50" x 100" Twin Table, Multiple Tool Changing
- ✦ Proprietary Edge Preparation & Material Removal



ENGINEERING

- ✦ All engineering, tooling, programming, design, and R&D in-house
- ✦ CAD/CAM – SolidWorks, SURFCAM, AlphaCam, Geomagic
- ✦ CMM – FARO Platinum – 6 axis, portable, 8' arm, Laser Scanner



QUALITY

- ✦ SHIELDS® Q.E.I. Quality System
- ✦ OEM approved Quality Assurance System
- ✦ Softcheck Tool Manager Software
- ✦ CAM2 & Geomagic, Measure Software

CUSTOMER SERVICE

- ✦ Dedicated Account Managers
- ✦ All Sales & Marketing in-house

