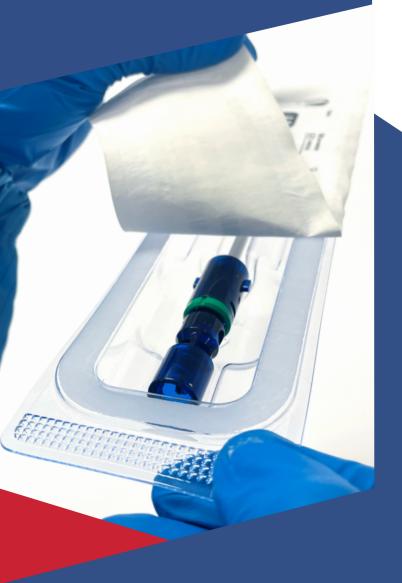
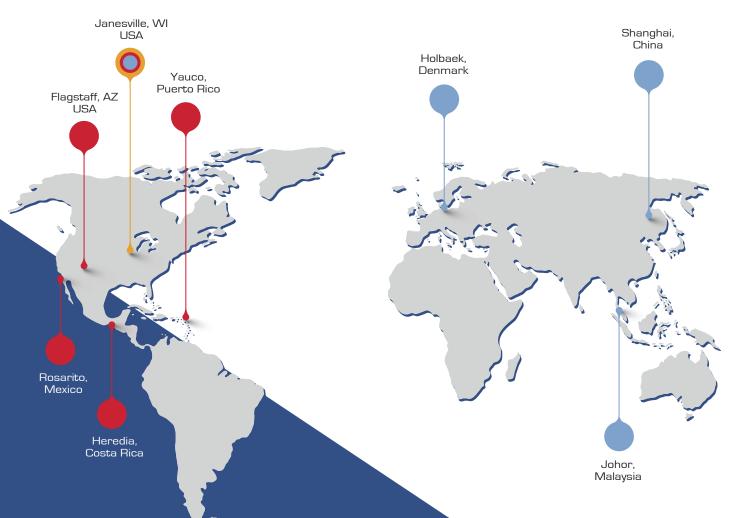
# forming the FUTURE





Headquarters, Machine Build, Secondary Operations Facility

Manufacturing

Design, Tooling & Manufacturing



sales@prent.com

## SUSTAINABILITY

Prent is committed to helping customers meet their sustainability goals. Our design process provides customers with packaging that optimizes functional performance, minimizes material usage, reduces costs and meets new standards. Our global manufacturing footprint aligns with the largest medical device hubs around the world; minimizing environmental impact.

## Some examples of how Prent is leading the sustainability efforts include:

- Consolidation of product into one thermoformed part
- Universal packaging for multiple products
- Decreasing package footprint thus using less material and create less scrap
- Closed-loop recycling of materials
- Use of commercially available compostable and biobased materials
- One-Way and Returnable Totes nearly double truck load capacity to save money and reduce carbon emissions

## **ZERO WASTE EFFORTS**

- Nearly 100% of all paper, wood, corrugate, and steel waste is separated and sold to local recycling companies
- 100% of all aluminum waste used in tooling production is reclaimed and recycled
- 99% of all production plastic leaves as either finished goods or reclaimed and ground to flake to be made into post-industrial recycled materials
- Closed-loop water supply for manufacturing process to control temperature and reduce water

www.prent.com 1.608.754.0276

## **DEVELOPMENT**

#### **DESIGN SOLUTIONS**

- 100+ global design staff
- SolidWorks CAD/CAM, E-Drawings
- 3D scanning
- 24/7 design services available

### **PROTOTYPING**

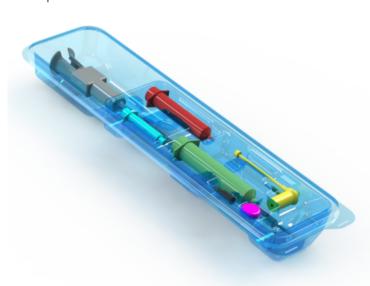
- Vacuum formed rapid prototyped samples manufactured
- Use of Renboard for fast development
- Sample parts to prove out user feedback

#### **PRODUCTION TOOLING**

- 100% of tools are built in one of our global tool build locations using same CNC equipment
- Free general tool maintenance for the life of active tools
- Ensures speed to market and accuracy

### PILOTING TO PRODUCTION

- Established, globally repeatable manufacturing processes
- Customer verifies form, fit and function prior to production



## **QUALITY**

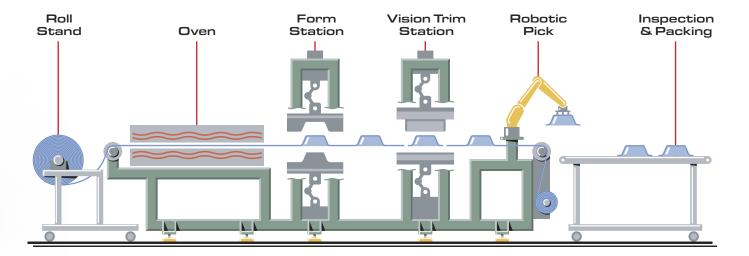
Quality is at the core of Prent's business, which drives continuous improvement in all processes and services. We have complete process and material traceability, use real time statistical process control to control our process, leverage Micro-Vu/CMM equipment to reduce inspection time and increase measurement consistency, and utilize inventory management programs to streamline supply chain management. Our global operations are ISO:13485 Certified.



## THERMOFORMING CAPABILITIES

Our worldwide, greenfield facilities only use identical Prent designed and built thermoformers to provide you a reliable and repeatable process.

- Custom in-line vision aided trimming
- Thermoform parts up to 8" (203.2 mm) deep and 72" (1828.8 mm) long
- Heated cut die trim station to reduce particulate
- Robotics used to automate repetitive tasks
- Extensive value add secondary operations



## **CAPABILITIES**

Proven methods to design and manufacture reliable and repeatable parts globally, together with our hands-on approach, provide you with customized solutions that meet your packaging needs.

### Worldwide capabilities include:

- In-house design, prototyping, and production tool build
- Matched thermoform equipment allows seamless tool transfers
- Standardized work instructions and procedures
- Certified class 7 and 8 clean room manufacturing
- Inline laser etching and barcoding
- On-time delivery

## **MARKETS**

#### **MEDICAL**

Trays and totes offer sterile barrier protection, workflow organization, ergonomic design, and ease of use. Parts can also be designed to meet exacting standards for automation needs.



## **ELECTRONICS**

Products intended for use with automation and manual loading are designed around your components to guard against mechanical damage, extreme temperatures, and electrostatic discharge.



## **CONSUMER**

Show off distinct branding with eye-catching and creative packaging that meets sustainability standards. Custom features can be included to address your automated production needs.

