

**Doing it right; the first time;  
on time; every time.**



### **The Value of Solution Selling**

“Replacing all aluminum pulleys with molded nylon proved to be a smart move...first production run tooling and engineering was paid back.” Norm Hendle, Mfg Manager, Unique Solutions

Torque Transmission, Fairport Harbor, OH – July 6, 2006

### **The Problem**

Unique Solutions, Inc was seeking a lower cost alternative to anodized, machined aluminum pulleys for its high-speed PouchPlus® Inserter for the food industry.

The inserter has a drive mechanism that requires 8 precision timing pulleys. Due to pulleys being machined then hard coat anodized, the manufacturing process and time spent coordinating outside services created lengthy lead times. These non-value steps were costly and the inconsistencies of the anodize finish created fit problems resulting in delays with assembly.

### **The Solutions**

- Replace aluminum pulleys with engineered customer pulley design
- Used application specific high strength low-cost FDA approved N6650 nylon material
- The most economical process and ROI for Unique Solutions.

### **The Value to the Customer**

- Total ROI with first production run of pulleys
- Consistency from batch to batch and pulley to pulley
- Pulleys ready for assembly; eliminated rework of pulleys
- Non-value manufacturing steps eliminated; reduce cost and manufacturing time
- Partnership with local Motion Industries Distributor for JIT deliveries

**For more information call our sales staff at 1-800-544-6642 or e-mail [sales@TorqueTrans.com](mailto:sales@TorqueTrans.com), or visit us at [www.TorqueTrans.com](http://www.TorqueTrans.com).**