

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 Helen Stauffer at 1-800-544-6642 or e-mail her at Hstauffer@TorqueTrans.com, or visit us at www.TorqueTrans.com.