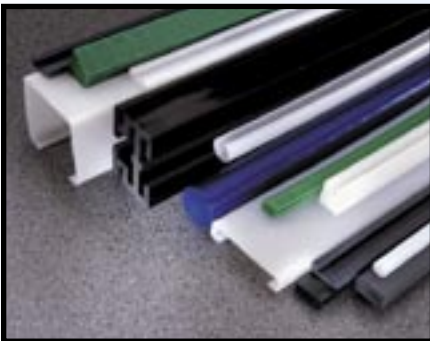




***CNC  
Machining***



***Extruding***



***Injection  
Molding***



***USDA / FDA  
Processing  
Conveying  
Equipment  
Electronics  
Automotive  
Agricultural  
Food Service***

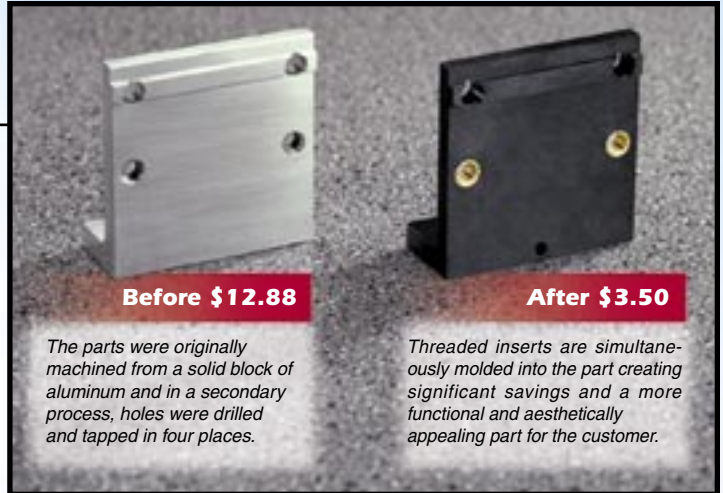
# Over 25 Years of Custom Plastic

## Transforming Metal Parts to Plastic Parts

The right plastic part can exceed the performance of metal in terms of overall effectiveness.

### Advantages:

- Reduced unit cost
- Lighter weight
- High corrosion resistance
- Increased life of other system components
- Sanitary
- Reduced noise

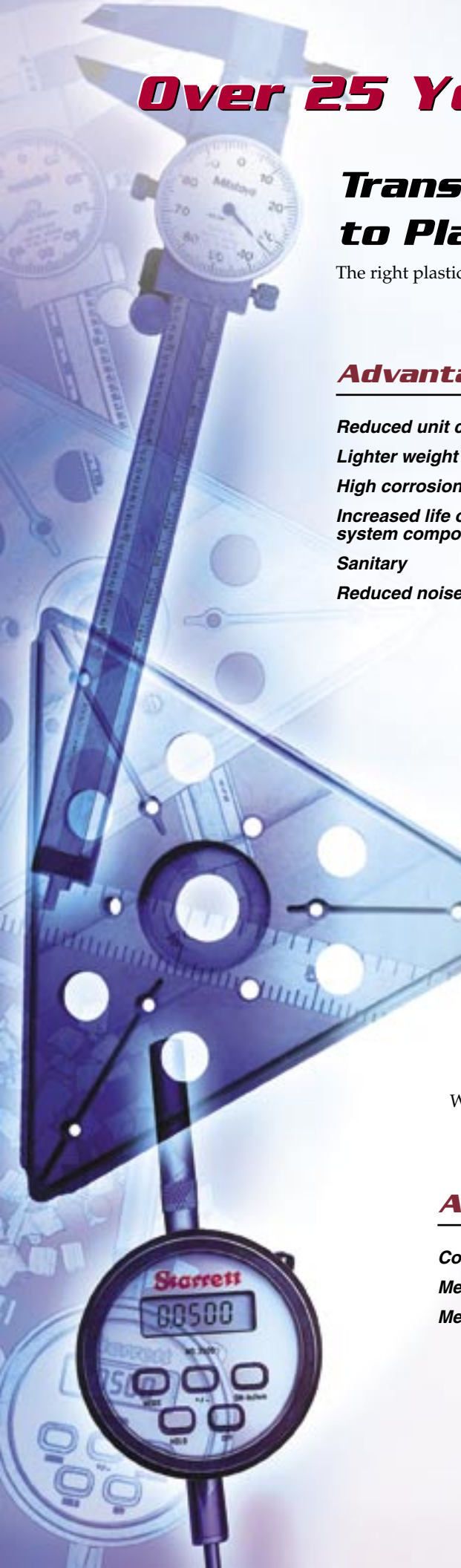


## Secondary Operations

We frequently combine our engineered plastics with different types of metals or plastics to create unique metal/plastic or plastic/plastic hybrid parts and custom assemblies.

### Advantages:

- Complete assemblies
- Metal threaded inserts
- Metal/plastic mating



# Design and Manufacturing

## Machined Parts or Extruded Parts

Machined plastic strips are a substantial portion of our business. At times, volume warrants an extruded profile. With our in-house tooling capabilities, the volume requirements to extrude may be lower and the turnaround faster.

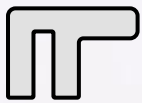
### Extrusion Advantages:

**Significantly lower cost per unit**

**Smoother surface finish**

**No limitation on length**

**Some extrusions can be coiled**



Nolu-S



UHMW



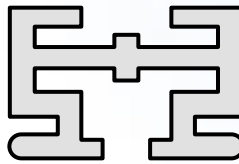
Nylatron



PTFE



Anti-Static



## Turnkey Projects

From all plastic, rolling beverage carts, to rotating fast food menu signs, to electronic assembly equipment components, Solus has been involved in shaping the future – one piece at a time.



### Advantages:

**Creative engineering and manufacturing**

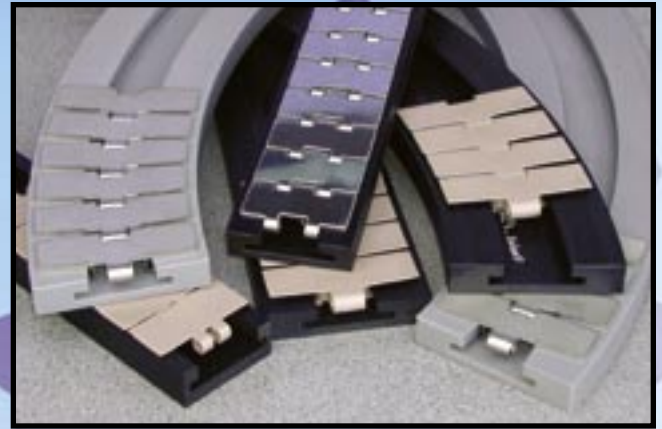
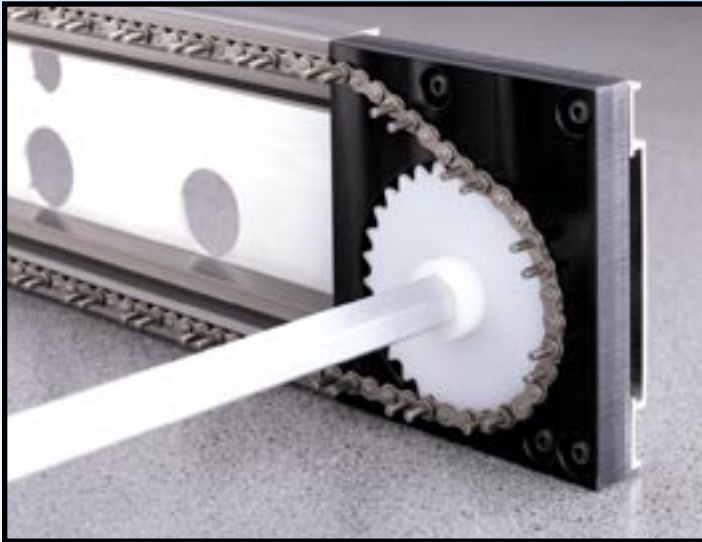
**Single supplier handling all aspects**

**Flexible, cradle-to-grave manufacturing capabilities**

**Substantial cost savings**

## ***Applications***

From high temperature to extremely corrosive applications, we have the engineering know-how to design the right product. Using the most appropriate materials, we create the components which can make virtually any application run smoother, quieter, or more trouble-free.



***General Industrial  
Sanitary  
Corrosive  
High-Temperature  
Abrasive  
Anti-Static***

## ***Materials***

Different materials have different physical properties. With over 40 years of experience in this field, Solus has a history of matching the right materials to a given application.

***Nolu-S  
UHMW  
Nylon  
Acetal  
Teflon  
Ultem  
PEEK  
Polypropylene***



**Solus**   
Industrial Innovations

[www.solusii.com](http://www.solusii.com)

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fax: 610-358-9480

International offices:  
Birmingham, England

### ***The Solus family of products:***

Custom Plastics  
Conveyor Rollers

Machine Guarding and Enclosures  
Adjustable Machine Levelers

Conveyor Components  
Mounted Bearings

Conveyor Chain Tracks  
Handles and Accessories