

## OUR MACHINERY

Our range of modern and conventional machinery and equipment supports prototype and high-volume production requirements.

### Precision CNC Machinery

We are equipped to satisfy customer needs for precision-machined PTFE and plastic parts at competitive prices with fast delivery schedules. Our CNC machines provide the ability to produce everything from prototypes to extended production runs with precision tolerances and competitive speeds.

### Conventional Machinery

Plasidyne also has a broad array of conventional machinery that allow us to handle almost any job. This includes a range of conventional lathes, levins, milling machines, automatic screw machines, Amada HAS250W Automatic Saw, presses and ovens.

### Lathes

Our conventional lathes allow us to machine parts up to 46 inches in diameter for short-run, non-complex machining. We have two lathes: 30 inch and 46 inch.

### Levins

Levins are jeweler's lathes that produce machined plastic parts from 1/32" to 5/16" diameter. They are excellent for machining small precision parts.



### Mills

Plasidyne has four conventional mills with 12 inch to 30 inch tables. We are capable of milling precision parts with smooth surfaces.

### Screw Machines

We have eight 1 inch Traubs. These automatic screw machines are used for high-volume, low-cost machined parts.

### Molding

Plasidyne has five presses and two Grieve ovens. Compression molding our PTFE and PTFE-filled materials on site allows us to offer our customers shorter lead times. We produce a wide range of compression-molded and precision-machined parts from a variety of PTFE and plastic materials.



PLASTICS MACHINING AND PROCESSING

### MANUFACTURING FACILITY:

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# Plasidyne

Eng. & Mfg. Inc.

PLASTICS MACHINING AND PROCESSING

## INDUSTRIES SERVED:

AVIATION • AEROSPACE • AUTOMOTIVE  
MEDICAL • INDUSTRIAL • CONSUMER



## OUR MISSION STATEMENT

To build on our history of manufacturing excellence to provide for timely delivery of products that reflect our tradition of high production standards.



### OUR STORY

Three friends with a vision to start a company to machine parts from a new product called polytetrafluoroethylene (PTFE) established Plasidyne in 1969. Over the years we have grown by being able to adjust to the constantly changing needs of the plastics industry. Advances in technology enabled Plasidyne to excel at producing precision-machine, high-quality plastic parts much more quickly. But no matter how much we have grown, or how much technology has evolved... one thing hasn't changed—our dedication to deliver high-quality products quickly and cost-effectively.

### THE BENEFITS

- Four decades of satisfied customers
- ISO 9000 and AS9100 certified
- High-volume manufacturing capabilities
- Rapid prototyping expertise
- Premium molded products
- Responsive customer service
- Competitive pricing

### OUR COMMITMENT

With four decades of experience, Plasidyne Engineering and Manufacturing has extensive, fully-equipped facilities that support large-scale, high-quality manufacturing of precision-machined parts and components made from PTFE and other exotic plastic materials. Over the years, Plasidyne's reputation for quality and on-time delivery has allowed it to become a financially sound and secure company with an outstanding reputation among its customers.

Our strength and dependability comes from putting the customer first. We have long-term employees and the ability to quickly absorb new technology. Our work ethic and a strong commitment to cost-effective, high-quality products with on-time delivery all contribute to our success. We back that up with a knowledgeable sales staff always ready to serve you.

### LONG BEACH MANUFACTURING FACILITY

Our Facility offers 15,000 square feet of manufacturing and rapid prototyping space, including a 500 square-foot inspection room. Our capabilities include CAD/CAM and CNC machinery to satisfy precise tolerances. In addition, we have an environmentally-controlled inspection room to ensure

the delivery of high-quality products in compliance with our ISO 9001:2000 and AS9100 certifications.

We're fully committed to continually improving our quality system to assure the highest customer satisfaction.

### ISO CERTIFIED

Plasidyne's Quality Management System is both ISO 9001:2000 and AS9100 certified. Adherence to these international quality standards reflects our strong commitment to

delivering high-quality, precision-machined parts at competitive pricing and according to schedule. At Plasidyne, customer satisfaction and high quality is assured. ISO Certification since 2008.

### ENVIRONMENTALLY CONTROLLED INSPECTION

We maintain an environmentally-controlled inspection room manned by a fully-trained and qualified inspection staff. And unlike many manufacturers, Plasidyne has an ISO-certified internal auditor to ensure that our Quality Management System remains compliant with international standards. We also perform annual calibration of all inspection tools and inspection sampling to MIL-STD-105e.

#### Inspection Equipment

- Deltronic DV-114 Optical Comparator
- Mitutoyo Profile Comparator
- Mitutoyo Tool Makers Microscope with Micrometers
- Wide range of height indicators, calipers, micrometers, and deltronic gage pins
- Surface plate 2 x 4 fully calibrated



ISO 9001

and

AS9100

System

Certification