

FABRICATION CAPABILITIES

CNC Precision Cutting Professional Plastics provides precision-cut blanks as close as +/- 0.005" on our state of the art CNC panel saws from Schelling, Metlsaw, SCMI & Holzma.

CNC Routing Most locations utilize CNC routers to economically produce complex geometries. All operators are factory trained and certified

Plastic Fabrication Fabricated parts are produced in our Orchard Park, NY facility, as well as, our Ogden, Utah plant. We produce high-quality fabricated parts for shields, windows, bumpers, guides and wear pads. Our Q.C. Department uses CMM measurement and testing equipment to ensure that your parts meet the highest standards. Both facilities have received ISO 9001 & ISO 14001 Certification.

Centerless Grinding High-tolerance custom-sized rods can be produced on our centerless grinders. This allows our machine-shop customers to eliminate more costly routing procedures in-house.

Vacuum Forming Professional Plastics utilizes three large vacuum-forming machines capable of deep-draw forming of materials such as ABS, Kydex®, Acrylic, Polycarbonate, PETG, Boltaron®, Royalite®, Radel® and other materials.

Injection Molding Our injection molding equipment is capable of producing high-volume parts made from basic materials such as Polyethylene & PVC, to lower-volume runs from engineering materials such as PEEK and Polycarbonate.

Slitting, Sheeting & Shearing Thin-gauge films and sheets can be converted quickly and efficiently on our automated slitting machines. We also convert via heavy-duty shearing equipment.

Die Cutting We produce die-cut products such as gaskets and seal components made from soft plastics, rubbers, and foams-based products.

Custom Profile Extrusion We produce custom profiles in a variety of materials from our Ogden, Utah facility. Profiles can be line-marked for improved traceability and control.



PROFESSIONAL PLASTICS

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Since 1984, Professional Plastics has been supplying our customers with the widest variety of engineering plastic products. Our focus is on providing the highest quality products to produce the most cost-effective solutions. Over the years, we have expanded our range of services from basic shapes conversion to close tolerance fabricated components. In all cases, our customers needs come first and our services are tailored to fit the demands of your requirements.