

ISO9001認証取得

会社案内

company profile

Best Partnership



株式会社 大西ライト工業所
ONISHI LITE INDUSTRY CO., LTD.

技術を熟知した営業スタッフがお客様の開発課題を吸収、 よりよい製品を造るご提案を致します。

Our Sales Staff Well Versed in the Technologies in Our Industry Identify Technical Problems of the Customer and Propose a Better Way to Make a Better Product

お客様のどんなニーズにもお応えする……。それが私たちの最大のテーマです。そのためにまず私たちは、営業スタッフがお客様のご要望を十分にヒアリングし、その内容を把握することから始まります。営業スタッフは材料や成形加工、金型さらには業界知識に精通した技術系のベテランが担当しており、お客様の製品開発の意図や技術課題を吸収して、これを社内にフィードバックします。そして材料選択、成形デザイン、成形機選定、金型設計、試作、測定、量産立ち上げを経て最終的に量産化に入ります。“急がば回れ”は、迅速な納品にも確実に結びついています。

Meeting any need of the customer is the most important task of our company. We carry out the task this way. First, our sales staff carefully listen to the customer's requests and identify what the customer really needs. The members of our sales staff are all experienced persons armed with sufficient knowledge of materials, forming processes, molds, and various matters related to our industry. They grasp the purposes of product development and technical problems of the customer. Then, they feed them back to the engineering staff of our company. The engineering staff select materials, design a product, select a forming machine, design and test-manufacture molds, make necessary measurements, and prepare for mass production. After all this, the mass production is started. "Slow but steady wins the race." Actually, this saying applies to the delivery of a product to the customer too.

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金型設計・製造の内製化

We design and fabricate all molds for ourselves

蓄積されたデータをもとに製品の要求仕様を満足させる最適形状を提案。その形状を踏まえて安定生産を約束する金型設計を進め、適切な加工方法を選択して高精度金型を生産します。射出成形加工は金型が肝心です。複雑な形状の製品をどう成形し取り出すか、素材ごとに異なる成形後の収縮率を加味していかに高精度加工を実現するか。金型設計には機械設計領域を超えたノウハウが必要です。当社ではこれを設計・製造、試作・検査まですべて内製化、最新の加工機により対応しています。

On the basis of accumulated data, our company proposes the optimum product shape that meets the customer specifications of the product. After the product shape is decided, we design molds which assure stable production of the product. Then, we fabricate the molds with a high degree of precision using a suitable method. In injection molding, the molds play the most important part. How should we form a product of complicated shape and take it out of the molds? How should we treat materials which differ in shrinkage after molding in order to implement high-precision forming? Thus, designing a mold requires special know-how different from that used in mechanical design. At our company, the design and fabrication of molds and the test-manufacture and inspection of products are performed by using advanced equipment.



ご要望に合う素材の選択と評価

We evaluate many different materials and select the one that is the most suitable to meet specific customer requirements

エンジニアリング・プラスチック分野では、次々に新素材が誕生しています。当社ではこれまでの経験と実績を踏まえて、お客様のご要望に応じて最適な素材を厳選し、ご提案いたします。また既存の素材以外に、必要に応じて素材メーカーへ新素材や新配合を依頼し、試作や製品化も実施しています。お気軽にご依頼ください。

In the field of engineering plastics, new materials have been developed one after another. On the basis of our rich experience and proud achievements in the past, we select the optimum material according to specific needs of each customer and propose it to the customer. In addition to using the existing materials, we ask our supplier of materials to develop new materials or new combinations of materials as required. We also test-manufacture and commercialize new materials. Please feel free to ask us for new materials.



独自の成形加工ノウハウの活用

We employ our own know-how of molding

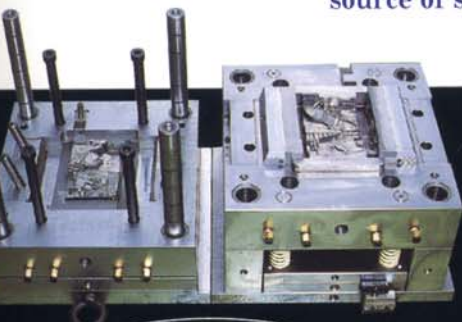
これまでに蓄積した成形加工現場での作業や管理のノウハウは、工程ごとに標準化された様式に落とし込むことにより、確実に維持・活用するスタイルを確立しています。また素材や形状、大きさに応じたベストな加工方法を模索し、新たなノウハウを常に拡充しています。

Our accumulated know-how of molding and control has been standardized in each of the processes in such a manner that it is maintained and utilized positively. We continually obtain new know-how and increase our accumulated asset of know-how by seeking better forming processes for specific materials, shapes, and sizes of products.



材料技術と金型技術と成形加工技術、三位一体の技術が最大の強みです。

The trinity of materials technology, mold technology, and forming technology is the major source of strength of our company



全行程で、システム化を推進

We employ advanced systems in all processes

早くからCAD、CAM、CAEを導入し、各種工作機械、射出成形機をはじめ、各工程のNC化を推進。原料供給から出荷まで一貫した生産管理システムを実現しています。また、高品質を維持するために、各工程ごとに厳密な検査体制を確立。各種測定機、環境試験機などを設置し、お客様の要求にお応えしています。

Our company, which introduced CAD, CAM, and CAE systems early, has positively implemented numerical control of its processes, including the machine tools and injection molding machines. The company already has an integrated production control system for the entire process, from the supply of raw materials to the shipment of products. In addition, the company has established an advanced inspection system in each of the processes to maintain high product quality. These systems and various types of measuring instruments, environmental testers, etc. enable us to meet diversified needs of the customers.

新しい素材、技術にチャレンジ

新しい素材、技術にチャレンジ

We are active in applying new materials and new technologies

当社では、お客様のどんなニーズにもお応えできるよう世の中の新素材や新技術にも注目し、その応用技術の習得にも取り組んでいます。スーパーエンブラと言われるSKレジンのピストンや樹脂フレーム、MIM（メタルインジェクション）による精密機械部品の量産化技術の確立などすでに成果を挙げています。

Our company, which is always active in introducing new materials and new technologies, is attentive to the development of new materials and new technologies in the world and striving to learn techniques to apply them so that it can respond to even the most exacting customers. In this respect, the company has already produced a number of remarkable results, such as the establishment of technology for mass-producing pistons and frames of SK resin (one of super-engineering plastics) and precision machine parts by metal injection (MIM).

プラスチックの成形加工工程では、材料技術と金型技術と成形加工技術の3つの技術が基本となります。しかも、それらの技術がすべて三位一体となってはじめて優れた製品が生まれます。この3つの技術を融合するために、技術者たちはお互いに職場領域を超えて切磋琢磨しています。新素材の性質や機能、強度などの実験と評価、精密金型の高精度化と自社内一貫生産体制の確立、種類や素材別の射出成形加工ノウハウの修得など多彩です。さらに平成12年12月には品質保証規格であるISO9001も取得いたしました。私たちは常に一步先を狙った技術ノウハウの習得に努めています。お客様との厚い信頼関係は、こうした風土から生まれています。

In the plastic forming process, there are three key factors-materials technology, mold technology, and forming technology. Unless these three technologies are put into work in harmony, it is impossible to produce a good product. In order to make the most of the trinity of technologies, all our engineers from different workshops have been working hard together in diverse activities, such as the experimentation and evaluation of properties, functions, and strengths of new materials, the improvement of accuracy of precision molds, the establishment of an integrated mold production system, and the acquisition of know-how of injection molding of plastics which vary in type and material. In December 2000, the company secured ISO 9001 (quality assurance standard) certification. We are always seeking technology and know-how one step ahead. It is the corporate climate mentioned above that has fostered a strong relationship of trust between the customers and our company.



プラスチック部品の可能性を追求し、 より優れた造りの技術でバックアップ。

Our advanced manufacturing technology helps expand the scope of application of plastic parts

電子・電機・自動車・精密機器等に幅広く利用されているエンジニアリング・プラスチック。私たちは、この優れた素材を最大限に活用して、各種機能部品、ユニット部品を製造している部品メーカーです。確かな品質の実現、高い生産性に裏付けられた低価格の追求、納期の厳守が部品メーカーの基本的な使命といわれていますが、私たちはそれだけで満足しておりません。お客様のどんな難しいご要望にもしっかりと、しかも手際よくお応えするために、社内のあらゆる資源を活用してバックアップする態勢を整えております。スペシャリストとして、より優れた造りの方法をご提案できる企業へ…。私たちは永遠にその理想を追求します。

Engineering plastics is widely used in electronic and electrical devices, motor vehicles, precision instruments, etc. Our company manufactures various types of functional parts and unit parts making the most effective use of engineering plastics that has a number of excellent properties. It is said that offering quality parts on a stable basis, cutting costs of parts through improvement of productivity, and strictly observing delivery times are the basic roles of every parts maker. Playing those basic roles alone does not satisfy us. In order for the company to be able to fully meet any customer requirements smoothly, we have established a back-up system that permits utilizing all the resources of the company effectively. As a group of specialists in plastic molding, our company makes a ceaseless effort to grow into a still more sophisticated company that is capable of proposing better production techniques.





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