

各種ワンストップ加工と自社製品開発

One-stop Processing and Development of Own Products

株式会社齋田製作所

SAIDA MFG Co., Ltd.

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設立年 / Established Year

2007

資本金 / Capital Stock

1,890万円
18.9 million yen

従業員数 / No. of Employees

25

所在地 / HQ Address

埼玉県日高市大谷沢668-7

668-7, Oyazawa, Hidaka-shi, Saitama-ken



ISO認証
ISO Certification

ISO9001
ISO13485
ISO14001

事業概要 / Description of business

航空機エンジン部品、半導体製造装置、プラント用点火装置、防衛装備品、各種金型、業務用脱毛器（自社製品）、光応用非破壊検査装置（自社開発中）、紫外線滅菌・殺菌装置（自社開発中）

Aircraft engine parts, semiconductor manufacturing equipment, ignition device for plants, defense equipment, molds, depilator for business use (own product), light-applied nondestructive inspection device and UV sterilization device (under development)

技術の特徴 / Uniqueness

インコネル、ハステロイ等の各種難削材加工から製品組立、制御までワンストップで実現。旋盤、マシニングから溶接、研削、三次元測定まで自社設備にて対応。自社製品として光制御技術による業務用脱毛器が完成。更に光制御技術を応用し非破壊非接触検査装置、紫外線瞬間殺菌装置を開発中。

We process, assemble, and control Inconel, Hastelloy, and other difficult-to-cut materials in a one-stop process from lathing and machining to welding, grinding, and 3D measurement, using our own facilities. We have recently developed a depilator for business use based on optical control technology. The optical control technology is currently being used to develop a non-destructive noncontact inspection device and an instantaneous sterilization device based on UV light.

用途 / Application

現在
Current

航空機用エンジン部品（耐熱合金加工）。ガスタービン用点火装置（耐熱合金加工・溶接・制御）。半導体製造装置（各種切削加工）。ヘルスケア機器（業務用脱毛器の設計・制作・販売）

Engine parts for aircraft (heat-resistant alloy processing); ignition device for gas turbine (cutting / welding / control of heat-resistant alloys); semiconductor manufacturing equipment (various types of cutting); health care equipment (design / production / marketing of business-use depilators)

将来
Future

医療分野での光応用技術の活用（紫外線瞬間殺菌装置）。非破壊検査分野での光応用技術とロボット制御（非接触非破壊検査装置）。いずれも現行装置の工数短縮、安全性と効果の確立を目指して開発中。

Application of optical technology in the medical field (instantaneous sterilization device based on UV light); optical application technology and robot controls for non-destructive inspection (non-contact, non-destructive inspection device). Relevant equipment is currently under development with the aim of reducing time and labor to manufacture existing equipment and enhancing safety and effect.

実績 / Achievements

現行固定翼哨戒機搭載のジェットエンジン部品を開発段階から参画し現在量産中。小惑星探査機（はやぶさ）の振動試験において弊社設計の治具が採用。業務用脱毛器（クリニック・エステ向）は自社設計開発。

Having participated as early as in the development stage for jet engine parts for a current type of fixed-wing patrol aircraft, we are now mass-producing the parts. Jigs of our design have been adopted in the vibration test of the asteroid explorer Hayabusa. We also developed a depilator for clinics and estheticians.