



MILL-MAX MFG. CORP.

190 PINE HOLLOW ROAD
P.O. BOX 300
OYSTER BAY, NY 11771-0300
PHONE 516 922-6000 FAX 516 922-9253

To our valued Customer,

In order to serve our Customers better, we have developed this Company Profile information package. We believe this will satisfy your need for information about MILL-MAX Mfg. Corp. The information contained in the Profile has been developed from the typical questions asked by our Customers.

As most Supplier Surveys require much time to complete, we feel that this is a fast way to answer your immediate questions and concerns about MILL-MAX. If you have any additional questions that are important to you and your product, we will be pleased to answer them separately

Please accept this Company Profile in lieu of a Supplier Survey you may have sent. If you have any questions regarding the content of this document, please contact me at (516) 922-6000. Thank you for your interest in MILL-MAX Mfg. Corp.

Sincerely,

A handwritten signature in black ink, appearing to read 'C. Galasso', written over a horizontal line.

Christopher Galasso
Director of Quality Assurance

(profile)

MILL-MAX Mfg. Corp. Company Profile



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How to Contact MILL-MAX:

Company Name: MILL-MAX Mfg. Corp.
Address: PO Box 300
190 Pine Hollow Road
Oyster Bay, New York 11771-0300

Telephone: (516) 922-6000
Fax: (516) 922-9253

Web Site: www.mill-max.com
Technical Services: techsupport@mill-max.com

Organizational Information

Chief Executive Officer: Roger L. Bahnik
President: James W. Litke
Vice President of Sales and Marketing: Claude Bahnik
Vice President of Manufacturing: Brad Kuczinski
Director of Quality Assurance: Christopher Galasso (cgalasso@mill-max.com)

Factory and Capacities:

Type of Operations: Precision high speed turning, insulator injection molding and fabrication, precision high speed stamping, electroplating, contact clip assembly, socket assembly, and packaging.

Established: 1971

Number of Employees: 205

Square footage: 150,000 sq.ft.

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OVERVIEW

MILL-MAX Mfg. Corp. is an integrated Engineering and Manufacturing Company capable of producing over 100 million interconnect components a week. We have capabilities in precision screw machine products; injection molding of engineered thermoplastics; drilling and routing of glass-epoxy laminates; precision stamping; and electroplating. At MILL-MAX, we have total control over the manufacturing process, from raw material to finished product. This has made our company North America's leading manufacturer of precision interconnect components.

Raw Materials are stored on the premises for immediate response to Customer needs. Typical Raw Materials used are Brass Alloys and Beryllium Copper. Our experienced Manufacturing and Engineering staff can evaluate other Materials for production as required.

In addition to the manufacturing of loose interconnect components, our proprietary contact assembly equipment also combines our products into finished assemblies. For some applications, these components are also assembled into a wide variety of DIP, SIP and PGA assemblies by our socket assembly department. Our experienced Quality Control Inspectors strictly monitor each process. Packaging and Shipping are also accomplished on the premises.

MILL-MAX prides itself on the unique ability to turn concept into product within the confines of our Manufacturing plant in Oyster Bay, New York. An experienced organization of Tool designers, Machinists, Technical Service Engineers, Inspectors, and Quality Assurance professionals are employed to support our manufacturing business.

MILL-MAX Mfg. Corp. Company Profile



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Organization and Administration

- ◆ Customer and Industry benchmarking is used to determine corporate goals and initiatives.
- ◆ A Quality Policy is established and communicated throughout the company.
- ◆ Department Operating procedures have been established for each function within the Company.
- ◆ Procedures are regularly audited by an independent auditor for compliance and accuracy.
- ◆ Material Resource Planning is employed to determine final product availability commitments to our Customers.
- ◆ Training Programs are established and documented for critical job functions and key personnel.
- ◆ Performance ratings are communicated to employees and objectives are established for total organizational continuous improvement.

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Quality Assurance

A description of our Quality Operating System:

MILL-MAX Mfg. Corp. has continuously grown and developed for over 35 years. Due to the many diversified industries our products are used in, our individual Customers subscribe to various Quality Operating Systems. The Quality Operating System developed by MILL-MAX has been established to be compliant with ISO-9001, QS9000, AS9000 and MIL-I-45208. In fact, MILL-MAX's Quality Operating System has been certified to meet strict MIL-STD-790 requirements, which enables us to be listed on the QPL for some Military connectors. We continually enforce the Operating Procedures and policies described in this Manual to ensure our compliance to those Quality Operating Systems. We also welcome the opportunity to evaluate and discuss the Quality Operating System requirements specific to your industry. Some specific details about Quality Assurance at MILL-MAX are listed below for your review.

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Quality Assurance (cont)

- ◆ The Quality Assurance organization has direct access to appropriate levels of the company to ensure that Quality issues are effectively and efficiently resolved.

- ◆ A Quality Assurance Manual is established, controlled, and maintained by periodic review. A copy of the Manual is available upon request.

- ◆ Senior management periodically reviews quality concerns in regard to program performance.

- ◆ A documented Corrective Action program is established.

- ◆ The responsibility of personnel who verify Quality is defined in Department Operating procedures.

- ◆ Internal incentive programs are established to reach goals that improve company wide performance and customer satisfaction.

- ◆ Re-inspection is performed on all reworked and repaired product.

- ◆ Industrial standards and Military Specifications are controlled and maintained for latest revision level as required.

- ◆ Manufacturing, Inspection, and Qualification Testing performed to MIL-S-83734 specifications as required.

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Purchasing and Receiving Inspection

- ◆ A Supplier Survey program is established to validate and verify supplier Quality Operating Systems.
- ◆ A Supplier database is maintained that lists qualified suppliers to be used for product and raw material.
- ◆ Supplier Corrective Action program has been established that requires a written response to problems regarding their corrective action and containment.
- ◆ A Receiving Inspection program verifies incoming product and raw material.
- ◆ Receiving Inspection instructions are established by incoming part number for consistent and complete inspections.
- ◆ Lot Control is established for incoming materials at time of Receiving.
- ◆ Customer requirements for Sub-tier suppliers are documented on Purchase Orders.
- ◆ Receiving Inspection reports and inspection records are retained for up to two years.
- ◆ Provisions are made to prevent the unauthorized use of material pending acceptance.
- ◆ Purchased limited shelf life items are controlled, labeled, and stored appropriately

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Manufacturing and in-process Quality Control

- ◆ Production procedures and instructions are developed for each part and changes are controlled and documented.
- ◆ Production documentation (i.e. process sheets, travelers) is used to indicate the status of material through out Manufacturing.
- ◆ First Article Inspections are performed for critical operations and features to determine product acceptability.
- ◆ Inspection and testing instructions are established for each Department.
- ◆ Inspection sampling plans are developed using MIL-STD-105 as the guideline.
- ◆ Instructions include the criteria for approval and rejection of material.
- ◆ In-process inspections are performed at predetermined checkpoints during manufacturing operations.
- ◆ Inspection personnel are trained to evaluate material and empowered to stop the process as required.
- ◆ Inspection records describe the actual measurement values at required checkpoints.
- ◆ An effective system is established to indicate the inspection status of material in production.
- ◆ Inspector identification is used and recorded at inspection checkpoints as required, by the use of inspection stamps or other means.
- ◆ Final Inspection performed under the supervision of Quality Control independent of manufacturing Quality inspections.
- ◆ Production inspection records and reports are maintained for up to 6 months.

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Tools and Calibration

- ◆ A Calibration System is documented and in compliance with MIL-C-45662.
- ◆ Calibration Standards are traceable to N.I.S.T.
- ◆ Calibration frequency is established for each type of tool used and the area of use.
- ◆ Tool calibration can be verified by serialization or identification tags on the instrument.
- ◆ Calibration Records are maintained for every calibration and retained by each Department.
- ◆ Special care and safeguarding against damage and deterioration is exercised for precision tools and standards.
- ◆ Operator training is provided for special tool use.
- ◆ Certified contract services are used for specialized calibration requirements.
- ◆ Out of Service equipment is safe guarded against use in production.
- ◆ Gage Repeatability and Reproducibility is performed on specially developed measuring tools and jigs.
- ◆ The validity of previous inspections and test results are assessed when measuring and test equipment is found to be out of calibration.
- ◆ Employee owned measuring tools are subject to the same calibration requirements as company owned equipment.

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Non-conforming material and MRB

- ◆ Non-conforming material is identified and segregated from acceptable material throughout production.
- ◆ A Material Review Board is established with Quality Assurance, Operations, Manufacturing, Engineering, and Customer involvement as required.
- ◆ Records of MRB activities are maintained for future verification and analysis, as required.

Certifications and Statistical Process Control

- ◆ Certifications are provided in accordance with requirements specified by the Customer print or Purchase Order terms and conditions.
- ◆ Statistical Process Control is employed for critical characteristics as required by Customer specifications.
- ◆ Production operators are trained in the use of SPC to control the process and product Quality.

Sales and Customer Services

- ◆ Customer Engineering, Packaging, and Quality Control requirements are circulated for department review at the time of quotation.
- ◆ Supplemental Purchase Order requirements such as certification requirements and packaging needs are documented and effectively communicated.
- ◆ Safe guards are employed to flag changes to a Customers part and revision level.
- ◆ Shipping records are maintained to provide reference for destination, quantity, and date of shipment.

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Engineering and Technical Support

- ◆ Proposals are reviewed to ensure that the capability exists to meet the Customer requirements.
- ◆ The technical support staff is adequately trained in product applications and manufacturing techniques.
- ◆ Engineering changes are documented and approved by each Department as required.
- ◆ Customer notification of changes is provided and an ECN approval is solicited prior to changes taking effect.
- ◆ Configuration Control is established to ensure only authorized drawings and procedures are used for fabrication, inspection, and testing.
- ◆ Computer Aided Design is used to develop product drawings for individual parts and assemblies.
- ◆ CAD files contain all the latest revision level drawings.
- ◆ Drawings and specifications are made readily available from the CAD file to appropriate personnel for machining, assembly, and inspection.