

CHRIS W. NOELCK

3302 Bluebonnet Meadows Ln

Houston, TX 77084

Phone: (281) 645-6690 • Fax: (281) 398-1870

HMD@dslextreme.com

SENIOR MOLD DESIGNER

Top performing plastic injection mold designer with over 18 years of experience and a track record of producing designs that provide both superior cycle time and increased mold longevity. Adept at providing innovative design solutions to meet a wide array of complex molded parts and providing positive leadership throughout the design process. Specializing in close tolerance medical and consumer molds, high cavitation semi/full hot runner molds and Maenner Valve Gate Systems. Committed to customer success and driven to provide the best possible solution for each customer's specific needs.

KEY SKILLS

- Plastic Part Analysis for Molding Feasibility
- Close Tolerance Medical and Consumer Molds
- Innovative Solutions for Molding Complex Parts
- Project and Department Management
- Outside Sourcing and Vendor Liaison
- Part Modifications for Improved Cycle Times
- High Cavitation Semi / Full Hot Runner Molds
- Excellent Technical Communication Skills
- Personnel Training and Development
- Proficient in SolidWorks 2009 and AutoCAD

PROFESSIONAL EXPERIENCE

HOUSTON MOLD DESIGN, Houston, TX

Founder & Owner, 2010 to present

Houston Mold Design was founded in 2010 to provide high quality plastic injection mold design, product design and consulting services to the plastics manufacturing industry.

MAGOR MOLD, INC., San Dimas, CA

2000 to 2010

Magor Mold is a leader in manufacturing of plastic injection molds for disposable medical and consumer products.

Senior Mold Designer, 2002 to 2010

Operations Manager, 2001 to 2002

Mold Designer, 2000 to 2001

Employed by a leading manufacturer of plastic injection molds over an additional 10-year period to design close tolerance plastic injection molds for disposable medical and consumer products. Achieved detailed knowledge of injection molding processes, equipment and tool design.

Results:

- Developed expertise in designing close tolerance, complex and high cavitation plastic injection molds for disposable medical and consumer products representing annual sales of nearly 4 million dollars.
- Succeeded in increased shop efficiency by consistently maintaining a track record of accurate, error free designs.
- Lowered piece parts costs by increasing molding feasibility and minimizing cycle times of part runs by implementing changes to product designs.
- Strengthened customer relationships by effectively resolving molding and part issues.
- Created and managed a Hot Half Design Department to design hot half plates sets utilizing Maenner Valve Gate hot runner systems for Maenner USA, Inc. a division of the Maenner Group located in Germany. The department designed nearly 2.5 million dollars of hot half plates sets over a course of 3 years.

- Boosted productivity by effectively communicating specifications, requesting quotations, negotiating pricing and creating purchase orders for external mold systems, including hot runners, controllers, pressure transducers and infra red sensors.
- Delivered exceptional customer service by working closely with vendors to quickly resolve manufacturing and delivery issues.
- Increased manufacturing efficiency by creating inspection reports used for documenting critical dimensions of molding components.
- Inspected existing customer molding components to ensure correct geometry of new molding areas.
- Achieved high employee retention by assisting in hiring and training of several apprentice plastic injection mold designers.
- Proficient in SolidWorks 2009, AutoCAD and MS Word and Excel.

MSI MOLD SYSTEMS, a division of Magor Mold, Inc., Irwindale, CA**Engineering Manager, 1998 to 1999**

MSI Mold Systems represented M-form Hot Runner Systems (Now the Maenner Group), a German based company in North America. M-form at the time was a division of Otto Manner Company an industry leader in manufacturing of plastic injection molds and hot runner valve gate systems in Europe and Asia.

Applied expertise of plastic injection mold design and hot runner system integration to provide technical support to sales staff and customers, specify and design housing plates to interface hot runner systems with customer molds, and install and test hot runner systems when fully assembled with housing plates. Communicated with mold base manufacturer to determine delivery dates and scheduled work load with hot runner assembly department.

Results:

- Developed efficiency-enhancing workflow /process improvements that made it possible to track the progress of multiple projects from beginning to end.
- Earned an excellent reputation as a customer liaison with the ability to clearly explain technical concepts and a notable dedication to the development of long-term customer relationships.
- Increased accuracy of sales quotes by standardizing ordering procedures through the creation of job tracking and customer specification documentation.
- Conferred with customers to determine required specifications of new system orders.
- Conducted design review meetings with customers and apprised customers of their order status.
- Proactively assisted team members to ensure timely, quality completions of projects with critical deadlines.
- Specified hot runner system requirements to M-form in Germany for production and designed bolt on housing plates to interface M-form hot runner systems with customer molds.
- Worked with a mold base manufacturer (EDRO - Walnut, CA) to have hot runner housing plates manufactured.
- Returned to Magor Mold, Inc. as a Mold Designer after MSI Mold Systems moved to Moorpark, CA.

MAGOR MOLD, INC., San Dimas, CA

1992 to 1998

Magor Mold is a leader in manufacturing of plastic injection molds for disposable medical and consumer products.

Mold Designer, 1996 to 1998**Apprentice Mold Designer, 1992 to 1996**

Promoted over a 6-year period to the position of Mold Designer after an intensive 4-year apprenticeship program. Achieved detailed knowledge of manufacturing and machining processes, injection molding machines, and molds. Drafted individual components for existing plastic injection mold designs, designed basic molds, communicated with customers to resolve any molding or part issues, created blueprints for manufacturing departments and customers, and ordered engineering supplies.

Results:

- Gained extensive experience designing close tolerance semi complex plastic injection molds for disposable medical and consumer products representing annual sales of nearly 2 million dollars.
- Quickly became a trusted assistant to the company president and senior sales staff and earned a reputation for maintaining a positive attitude and producing high-quality accurate work.
- Learned machining processes by spending time working in various manufacturing departments.
- Responsible for computer maintenance, upgrades and CAD data storage.
- Completed an intensive 4 year apprenticeship program and received a promotion to Mold Designer.

EDUCATION & CREDENTIALS

SolidWorks Advanced Course, 2007 – Go Engineer – Costa Mesa, CA, USA

Certified Journeymen Mold Designer, 1996 – Magor Mold Inc. – San Dimas, CA, USA

Certified CAD Operator, 1992 – Citrus College – Glendora, CA, USA

High School Diploma, 1991 – Glendora High School – Glendora, CA, USA