



Machine Design

Experience | Commitment | Quality

OVERVIEW

CDMG is a full service, multi-discipline engineering and professional services company providing cost-effective, custom machine design services to a wide variety of industries, including metals, glass, building products, manufacturing and others. CDMG machine design services range from concept development all the way through detail design engineering. CDMG also works with clients to enhance existing designs and/or to modify equipment for better performance.

CDMG evaluates each project to determine the best approach: standard designs, custom equipment, or a combination of both. Using 3D parametric solid modeling software, CDMG can provide virtual prototyping and FEA design verification with full 2D and 3D drawing capabilities. We also provide equipment specifications, bid tabulations and equipment selection. Our engineers follow many of our projects to the field, assisting customers with installation specifications, installation supervision, start-up, commissioning, and training. In addition, CDMG assists owners in the development of preventive maintenance procedures and safety audits.



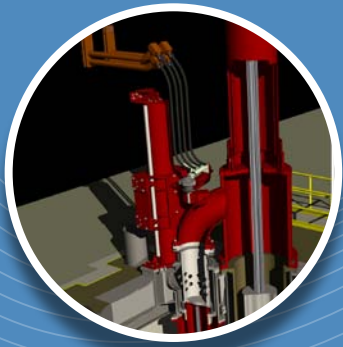
QUICK FACTS

- Full range of 2D and 3D engineering and drawing capabilities
- Experience with industries ranging from metals, glass, building products, manufacturing and others
- Capabilities ranging from concept through installation supervision and start-up



T 724.873.4700
www.cdmg.com





Meeting the Challenge

CDMG's machine design group has been part of a wide range of industrial projects, large and small. We have designed systems for unloading stone from railcars, glass / windshield production equipment, and cement board production equipment / processing equipment. Wherever new systems must be designed for performance, compliance or efficiency, CDMG has the experience and capability to meet the challenge.

Machine Design Services

- Custom equipment design
- Design / detailing for OEMs
- Complete design / build projects
- Equipment evaluations
- Stress analysis
- Shop inspection and expediting
- Operating / maintenance manuals
- Control systems

Professional Services

- Equipment specifications / bid evaluations
- Procurement assistance
- Installation specifications
- Installation supervision
- Start-up / commissioning
- Training
- Preventive maintenance programs
- Safety audits

EXPERIENCE

CDMG is a cutting-edge, technologically advanced engineering firm that continues to provide all of the multi-discipline engineering services that businesses need to complete the most unique and intricate projects. As part of our commitment to increasing knowledge of new design strategies and procedures, we are constantly educating ourselves by advancing our familiarity with new techniques and processes. We are committed to superior, personalized service that results in the best experience for our clients. By continually working side-by-side with our clients and a variety of professional partners, our projects conclude with satisfied clients. A recent survey of our clients indicates that they believe our personal service is far superior to our competitors.

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