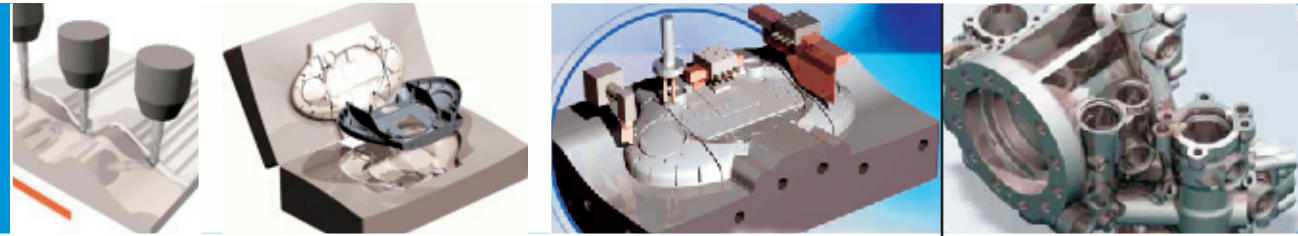




Toolink

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Delcam Software India Pvt. Ltd.

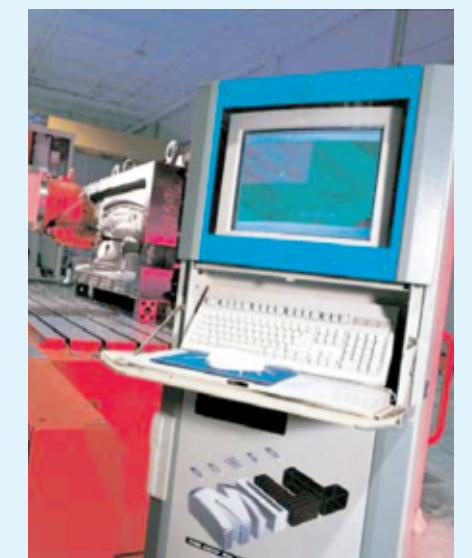
Delcam is one of the world's leading suppliers of advanced CAD/CAM software product development solutions for the manufacturing industry. The company has grown steadily since being founded formally in 1977, after initial development work at Cambridge University, UK. It is now the largest developer of product design and manufacturing software in the UK, with subsidiaries in North America, Europe and Asia. Delcam's software is used by more than 9,000 organisations in over 80 countries.

PRODUCTS AND SERVICES

- CAD/CAM,
- Tooling Design,
- Reverse Engineering
- Inspection

Softwares

- PowerSHAPE,
- PowerMILL,
- CopyCad,
- Power INSPECT,
- ArtCAM,
- Feature CAM,
- PS Moldmaker,
- PS Exchange,



Applications

Engineering & Machining

- 5 Axis Machining
- High Speed Machining
- Automated Machining
- Adaptive Machining
- Inspection
- Mould Making
- Reverse Engineering
- Tool Making

Transport Solutions

- Aerospace
- Automotive
- Composites
- Marine
- Inspection
- Tyres

Plastics & Packaging

- Mould Making
- Packaging
- Plastics
- Product Design
- Total Modelling

Consumer Products

- Ceramics & Cutlery
- Engraving & Cabinet Making
- Footwear
- Jewellery
- Product Design
- Signmaking & Woodworking
- Toys

Medical & Dental

- Dental
- Medical
- Orthotics/Orthopedics

Other Solutions

- Custom Services
- Cad Translation
- Collaborative Manufacturing
- Education
- Rapid Prototyping

DETAILS
PRODUCT

machining and 5 Axis machining, and also offers flexible toolpath editing, and integrated toolpath verification and post-processing. This keeps costs down by minimising the amount of finish machining needed on the castings and ensuring that the consistency is high enough to allow these operations to be automated.

Inspection

Inspection equipment and processes are both undergoing rapid changes as companies move from using 2D drawings to CAD models as the preferred method for product definition. This change, coupled with the rising demand for companies to prove the quality of their products, has led to a growing demand for inspection methods that can be used throughout the prototyping, manufacturing and assembly chain. With these techniques, any problems can be highlighted earlier in the development process and so be corrected more quickly and at lower cost.

PowerINSPECT - Complex 3D Part Inspection

PowerINSPECT from Delcam leads the way in today's market by delivering a complete CAD based Inspection Solution. PowerINSPECT surpasses traditional 2 dimensional inspection methods by offering you the capability to inspect against all your CAD data with any type of measurement device

Machining

PowerMILL is the world's leading specialist CAM software for the manufacture of the complex shapes typically found in the toolmaking, automotive and aerospace industries. Key features include a wide range of strategies, including the latest high-efficiency roughing, high-speed finishing, and 5-axis machining techniques, exceptionally fast calculation times and powerful editing tools to ensure optimum performance on the machine tool.

PowerMILL can accept data from any CAD system, via IGES, VDA, STL or a variety of direct interfaces. The combination power, flexibility and ease of use ensures that users can generate roughing and finishing toolpaths which optimize the productivity of CNC machine tools, while ensuring the highest quality machining of models and tooling. A fully-integrated simulation module allows the safety and efficiency of all toolpaths to be checked before machining starts.

PowerMILL's versatility makes it suitable across a broad spectrum of manufacturing sectors. It allows companies in many industries to increase efficiency and productivity as well as saving time and improving quality by reducing the need for hand finishing.



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PRODUCT DETAILS

PRODUCT DETAILS

Customers Base

In India customer base gone beyond 500 in different segments

Manpower

Delcam Indian operation employ 44 technical Manpower

Some of Application Description

Product Design

Total Modelling brings together elements of Delcam's Power Solution software range in a unique, fully integrated combination of solid modelling, surface modelling, triangle modelling, reverse engineering and decoration techniques. This wide range of techniques gives designers the ability to create innovative product designs easily and quickly, without the restrictions of conventional CAD software.

PowerSHAPE Pro - CAD Design and Modelling software

PowerSHAPE Pro CAD software provides a complete environment to take your product ideas from concept to reality. PowerSHAPE offers unrivalled freedom to manipulate surface form of the CAD model, to build from wire frame and make global changes with solid feature operations and editing. PowerSHAPE follows the philosophy of "Simple to create, easy to modify". PowerSHAPE Pro includes all PowerSHAPE's core hybrid modelling tools as well as a number of features that are focused specifically upon the needs of designers.

ArtCAM Pro - CNC Engraving, Jewellery and Signmaking

ArtCAM Pro is a unique software program designed to produce decorative products directly from 2D artwork quicker than you ever thought possible. You can use ArtCAM's advanced 3D modelling and machining tools to create and machine your 3D products, or directly route, or engrave your designs from 2D artwork, using ArtCAM's powerful vector based design tools and 2D machining strategies.

- ArtCAM JewelSmith
- ArtCAM Pro for Signmaking and Woodworking
- ArtCAM Pro for Engraving and Moldmaking
- ArtCAM Insignia

Toolmaking

Delcam's Power Solution CAD/CAM software has been developed over more than 30 years to give fast, efficient design, manufacture and inspection of all types of tooling, including molds for plastics, rubber, composites, glass and ceramics, and press tools, patterns and casting equipment for metals.

Moldmaking

Delcam's Power Solution gives benefits to companies making all types of moulds, including injection molds for plastics, rubber or ceramics, blow molds for plastics or glass, and compression molds and lay-up tools for composites. The software supports every stage in the development of a mold from receipt of a CAD model of the product through the design, manufacture and assembly of the various components. An inspection module can be used at all stages to confirm the accuracy of both tooling and sample parts.

Software allow many companies to move from a two-stream system, where the core and cavity are designed and manufactured by one team and the components making up the rest of the mold are produced by a second group using two-dimensional drawing and machining techniques. Instead, the whole mold can be developed entirely in three dimensions by a single team using a single software system. This approach increases quality and reduces mistakes throughout the process, and so helps reduce costs and meet strict delivery schedules.

Pattern making

Delcam's Power Solution software allows patternmakers to move from traditional methods based on drawings to modern, computer-based three-dimensional modelling and machining. The use of 3D computer models removes the ambiguity inherent in 2D drawings.

Die casting

Delcam's Power Solution helps companies speed all stages of the design and manufacture of cast metal components. PowerSHAPE's hybrid modelling combines the best of solid and surface modelling to give the flexibility needed when developing the complex shapes now used in the casting industry. PowerMILL provides fast and reliable generation of toolpaths for the machining of either patterns or dies. The software supports a wide range of machining strategies, including options for high-speed

