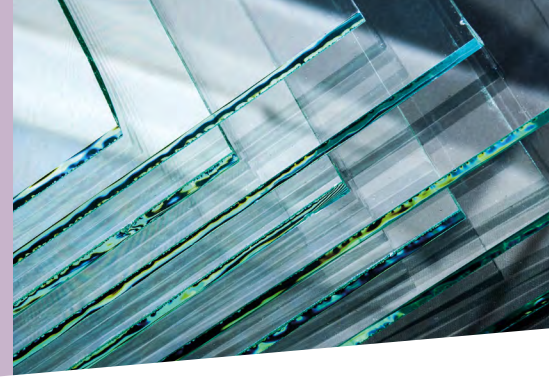# SHAPEMATE™

CAD and Digitized Shape Cutting

SHAPEMATE™ increases profitability and productivity by greatly reducing raw material and labor costs, order-processing time, and errors caused by hand cutting. SHAPEMATE™ provides an easy to use solution for processing ALL of your specialty shape requirements.

In the past processing specialty shapes consisted of nothing more than receiving templates or patterns from the customer and hand-cutting them. At best the customer sent these templates or patterns on paper, cardboard, plywood or anything that was available. Cutting these shapes was left up to a specialist in the hand-cutting department. The task was tedious, trying and sometimes costly. In the meantime, the accuracy and speed provided by your automated glass-cutting machine sat idle.

SHAPEMATE™ provides your operator with the ability to process specialty shapes that have been provided in the form of a dimensional drawing. When the drawing has been completed a Data Exchange Format (.DXF) file can be transferred to SHAPEMATE for processing. The .DXF file also expands system versatility by providing the added ability for you to process .DXF files provided by your customers, created on their in-house CAD system.

Once created, a drawing can be stored in the SHAPEMATE™ Library of Shapes for future use. A report of all shapes is available. Companies using SHAPEMATE™ have created libraries containing thousands of shapes that can be recalled at any time for processing.

SHAPEMATE™ generates Numerical Control (NC) instructions for your glass cutting table. Specialty shapes are optimized with a regular glass schedule, providing better material usage.

End hand-cutting of specialty shapes
- Easily automates the scoring of any shape
- Reduced labor costs
- No need to find personnel with talent for hand-cutting
- Consistent increased accuracy
- Piece-to-piece repeatability
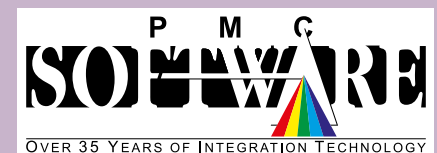
Generation of instructions for cutting table
- Point & click to turn a paper template into numerical control instructions
- Superb resolution and accuracy

Improved customer satisfaction
- Eliminate double-entry by receiving .DXF files from customers
- Build customer libraries for consistent results

Optimization with a regular glass schedule
- Better material usage
- Reduced waste

PMC SOFTWARE

OVER 35 YEARS OF INTEGRATION TECHNOLOGY

10275 West Higgins Road · Suite 250
Rosemont, IL 60018
(908) 806-7824 · pmcsoftware.com