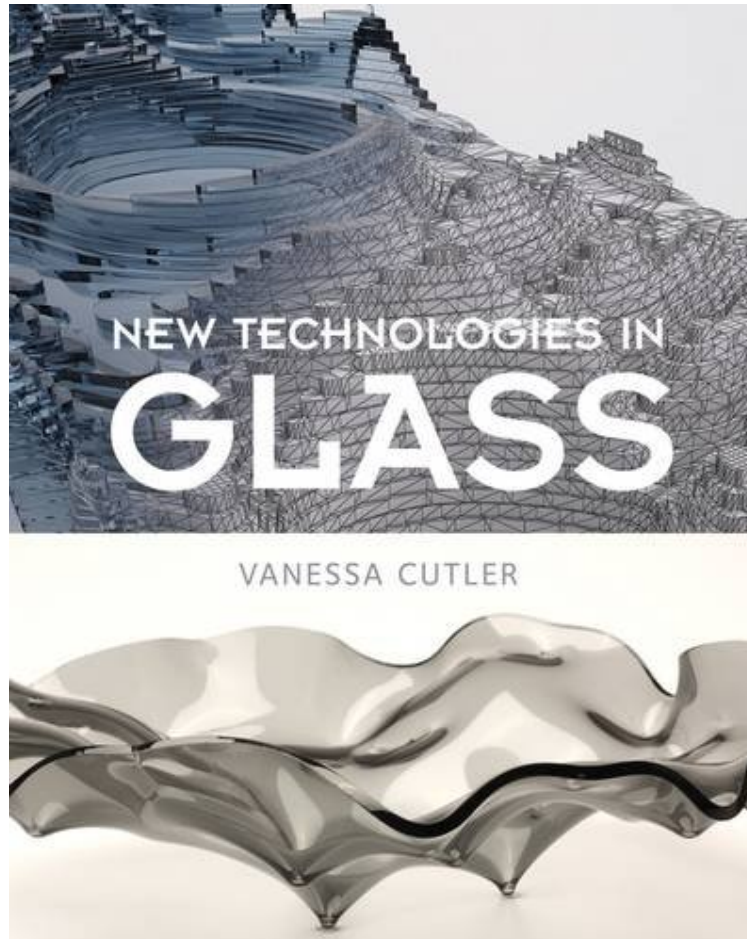


(Download) New Technologies in Glass

New Technologies in Glass

Vanessa Cutler

**Download PDF / ePub / DOC / audiobook / ebooks*



DOWNLOAD



READ ONLINE

#1367885 in Books AnC Black 2012-08-02 2012-10-02Original language:EnglishPDF # 1 10.85 x .36 x 8.59l, .90 #File Name: 1408139545128 pages | File size: 57.Mb

Vanessa Cutler : New Technologies in Glass before purchasing it in order to gage whether or not it would be worth my time, and all praised New Technologies in Glass:

0 of 0 people found the following review helpful. Beautiful HIGH TECH glass art.By WillardThis is such a good book that I bought it again after misplacing my first copy.5 of 6 people found the following review helpful. Behind the curtain of modern glass artBy Heading OutMost of us only see glass artists at work when we go to the craft fairs and visit the small booths where small animals and similar designs are built before our eyes, or when, as tourists, we may visit a small glassworks as part of a tour group. Modern glass art, however, is much more than just bending and welding sticks, or even, Dale Chihuly foreby, the blowing and bending of glass pieces.Modern technologies now give a much wider scope to the artist, through, for example, internal laser engraving of optical glass, or the waterjet profiling of sculpted shapes that can then be molded and combined into new and pleasing combination. Vanessa Cutler has brought a description of the capabilities of these new tools together with some delightful examples of the art that they have produced.Her work in "Raised Crossing", where small waterjet cut crosses cut within a sheet are then pulled

down under gravity as the glass is heated, gives but a small measure of the capabilities that these new tools allow. And in this review book, she shows how, as new tools evolve, so the art that they produce can expand toward new horizons. Simple descriptions of the background capabilities and protocols to the use of digital tools, waterjet and laser cutting and engraving, and the potential of multi-axis machining for both shaping and polishing, are combined with some exquisite examples of the art that they can produce within the book. Rapid prototyping is only just becoming visible to the general public as a way of building complex shapes and only since 2009 has this been used for building glass pieces. It is thus a very new capability, already going far beyond the mundane. The book is easy to read, and impressive in the scope of the art that it captures as illustrations of these technologies of the future. 0 of 0 people found the following review helpful. Great book. I didn't realize I could use these ...By MargieGreat book. I didn't realize I could use these new technologies for my sculpture to make my work easier and produce better results too.

The world of the glass artist is changing. Emerging technology for the cutting, engraving, and printing of glass is opening doors for those who want to work more quickly, more accurately, at larger scales and in multiples, and is stretching the boundaries of innovation. Profiling the latest technology, Vanessa Cutler gives an artist's perspective on new techniques, machinery and software in glass. Using straightforward language, she introduces the digital tools that are becoming an essential part of an artist's toolkit, and describes the application of new technologies, from cutting and engraving machinery to rapid prototyping. These practical essentials are illuminated by the work of contemporary glass artists, who are using these technologies to remarkable effect. *New Technologies in Glass* is a vital text for any glass artist wishing to expand their toolkit and challenge the possibilities of the medium.

Each program is described with inspiring clarity and simplicity, wisdom and forethought ... Each [chapter] opens with a brief argument for what the technology being discussed is capable of (and why it is superior to its manual counterpart); each concludes with statements from artists who practice in each medium, respectively, a handful of sections on cost and accessibility, and, occasionally, predictions of how interface with these media might change in the future. The GLASS Quarterly About the Author Vanessa Cutler is a glass artist and educator, specialising in using abrasive water-jet cutting creatively, and exhibits her work around the world. She has presented at numerous conferences, including the International Water-jet Conference in Graz, Austria, the Society of Glass Technologists' Annual Conference in Cambridge, and the European Ceramics Context symposium in Denmark. Vanessa is a lecturer at the Swansea School of Glass at Swansea Metropolitan University.