



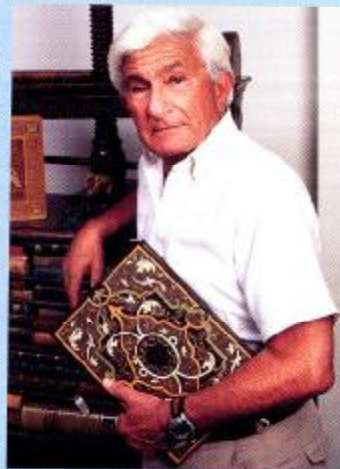
USA

Old books – new technology

Antiquarian books, historical documents, out-of-print editions – reprinting in small volumes is often not worthwhile for cost reasons. On-demand printing instead of offset printing is the answer in this case. A digital version of the document is created using a scanner and can then be brought to life through digital printing.

The Ultrabind Plus from Mekatronics Inc. can handle varying volumes and sizes for single copies or small print runs. The automatic, self-adjusting machine detects the blocks, presses them together and transports them through a series of processing stations. All processes are controlled by a PSI industrial PC from Festo. The CPV-18 valve terminals contain fieldbus nodes as well as 5/2-way valves for advancing and retracting the cylinder. The DFM cylinder delivers the high clamping force and stability that is vital for holding the books in place during the binding process. And last but not least, quick exhaust valves guarantee high actuation speeds.

www.mekatronicsinc.com



Jack Brenctor, Chairman of the Board of Mekatronics Inc.

