

The Index 4X4 PRO



Double sided Embosser for Braille Magazines

- The Index 4X4 PRO automatically produces Braille magazines, books, and newspapers, in a saddle stitch format.
- The 4X4 PRO, the perfect tool for producing school books, marketing material, menus and public information.
- Write the document in your word processor, convert it using Duxbury or WinBraille, emboss, staple and fold - FINISHED.

The Index 4X4 PRO is a production Braille Embosser for magazines in saddle stitch binding format. Binding of the Braille material is reduced to folding and stapling. When a file is transmitted to the 4X4 PRO it is processed in the following manner.

1. The 4X4 PRO receives the translated Braille text from the computer and stores it in the memory. Maximum 200 pages of Braille text at a time.
2. The text is processed into magazine format. For example, the first sheet printed for a forty page document will consist of page numbers 1, 2, 39, 40, then 3, 4, 37 and 38, etc. The 4X4 PRO collates the document for you.
3. The 4X4 PRO automatically embosses a pre-folding line in the center of each page to make the folding process easier.
4. Staple and fold the magazine. The Braille magazine is finished!

Magazine or saddle stitch binding format

Saddle Stitch is a term for staple or "stitch" binding used by newspapers and magazines. It used to be only for material printed or embossed on big plate machines. This format is easy to read, lasts a long time and is inexpensive to produce. The 4X4 PRO makes the stitch-binding advantages practical and cost effective even for small Braille editions.



Emboss Magazines directly from your PC

The Index 4X4 PRO processes your documents in the same way that any document sent to a Braille Embosser is processed, with or without the use of a Braille translation program. After the 4X4 PRO receives a complete file, the number of pages will be calculated and formatted automatically. After the embossing process, the material is stacked in correct order for final stapling and hand folding.

Emboss on demand

The high speed and ease of binding makes Braille magazines available on demand. A one hundred page Braille magazine will be ready (embossed, stapled, and folded) in less than twenty minutes.

Reliable Braille Production unit

The 4X4 PRO has been designed and tested to produce hundreds of thousands of pages of Braille text before needing maintenance.

Cost effective Paper

The 4X4 PRO uses cut sheet card-stock paper that can be purchased from local paper suppliers. Cut sheet paper is the most low cost, efficient way of producing small Braille magazines and Braille books. The 4X4 PRO can load 80 sheets of paper in its paper feed system at a time, corresponding to 320 pages of embossed material.

Easy to use speech guided user interface

Blind and sighted users are guided by speech conformation of the keys pressed, together with the ink and Braille labels on the keypad which is located on the front panel. The speech feedback is available in a number of languages.

4X4 Package includes cabinet, Embosser, and Stapler.

TECHNICAL SPECIFICATIONS

Printing speed:	400 pages per hour (pph), 130 cps
Noise level:	Below 57dB(A).
Printing Principle:	13 high quality hardened hammers forming against hardened steel anvils.
Printing modes:	Braille printout in saddle stitch binding format or normal printout mode, either single-sided or interpoint.
Size:	Embosser: 22" X 7.1" X 17.3" Acoustic cabinet: 59.8" X 20.1" X 27.2"
Weight:	Embosser: 31 lbs. Acoustic cabinet: 96 lbs.
Paper:	Cut paper; Paper length: 11.5" – 17.5"; paper width: 6" – 11.5"; paper format 11" x 23" optional
Page format:	Lines per page: 15-29. Characters per line: 11" x 17" paper: 31-34; 11" x 23" paper: 39 - 42
Data Characteristics:	USB, Ethernet, Parallel, and Serial interface. Speech guided user interface in several languages. Braille text memory max. 200 pages.
Braille tables:	Maximum 20 selected Braille tables including user definable.
Approval:	Complies with Part 15 of the FCC and the EMC rules.
Electrical:	Voltage 100-115 V or 220-240 V, switch-able.
Warranty:	One year parts, labor and return shipment from repair facility to customer site

Specifications subject to change without notice