The Plockmatic PowerSquare™ 224 is a unique and innovative complete booklet making system for mid and high-production environments. It produces square folded books up to 224 pages thick, and enables you to print and publish on demand with the industry’s leading digital printers.

**SOLUTION**

The PowerSquare™ 224 production booklet maker uniquely combines the four processes of stitching, folding, spine forming, and trimming to produce square folded books of 8 to 224 pages thick, that lie flat, stack easily, and allow printing on the spine.

Designed for high production reliability and ease of use, it has the ability to handle long runs without any operator intervention.

The addition of the P2T side trimmer provides a professional solution for full-bleed printed work, especially important for color printed applications.

**VALUE**

The PowerSquare™ 224 booklet maker lets you “do more with less” by providing a versatile, economical and reliable solution for producing finished booklets with the attractive look and feel of perfect bound books.

**BENEFITS**

- Increase productivity, reliability, and quality with this superior digital inline stitch/fold/square-spine/trim booklet maker.
- Finish a wider range of work with the ability to process jobs up to 224 pages. The PowerSquare™ 224 handles thicker stock and more pages than other booklet makers.
- Deliver added-value professional books to customers. Only the PowerSquare™ 224 creates the square spine at the same time as folding to produce a sharper and better quality finish.
- Gain peak efficiency. With up to eight stitches per book, you can produce books 2-up or 3-up for peak efficiency. Inserting multiple stitches also improves the quality and durability of thick books.
- Benefit from improved quality on every book with dynamic automatic adjustment for page count, to ensure perfect stitching and folding quality regardless of the book thickness.
- Save time and space, thanks to the ergonomic footprint that delivers books to the normal operator position. The operator also benefits from fast setup via the easy-to-use color touchscreen.
### Specifications

**Paper Size**
- 7.9 x 7.9" to 14.3 x 19.6" (200 x 200 mm to 365 x 500 mm) dependent on printer capability

**Sheet Rotation**
- Integrated rotator ensures optimum printer productivity
- Maximum rotation sheet size: 12.6 x 8.9" (320 x 227 mm)
- Minimum rotation sheet size: 8.2 x 7.9" (207 x 200 mm)

**Stock Range**
- 16 lb Bond – 110 lb Cover (60 – 300 gsm) dependent on paper type and quality

**Book Thickness**
- Minimum set thickness:
  - 1 sheet (when folded makes a 4-page leaflet)
- Maximum finished book thickness:
  - 0.4" (10.4 mm) approximately 216 pages
  - (208 pages 80 gsm, 224 pages 70 gsm)
- Maximum set thickness:
  - 0.2" (5.2 mm) approximately 54 sheets
  - (52 sheets 80 gsm, 56 sheets 70 gsm)

**Stitching**
- Heavy duty side-loading stitch head; automatic adjustment for page count
- Up to six stitches, evenly spaced on the spine of the book
- Stitches/spool: up to 291,500
- Books/spool: approximately 127,000

**Fore-Edge Trimming**
- Maximum fore-edge trim: 1.1" (28 mm)
- Minimum trimmed book size: 3.1" (78 mm)

**Side Trimming (option)**
- Maximum side trim: 1.5" (40 mm) each side
- Minimum trimmed book size: 4.7" (120 mm)

**Stacking**
- Standard stacker: 35 books*
- Book Stacker (optional): 36.6" (930 mm)

**User Interface**
- Color touchscreen in English, French, German, Spanish, Italian, Dutch, and Chinese

**Duty Cycle**
- Average volume: 50,000 books per month
- Peak volume: 150,000 books per month

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* Standard book is 20 sheets of 80 gsm paper with two stitches. Specifications are defined in metric. Imperial measurements are included for convenience only. PowerSquare and SquareBack are trademarks of Plockmatic International AB in the UK and other countries. Protected by patent.

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Contact your Xerox representative for details and to find out more about our finishing options.

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