

WATKISS POWERSQUARE™ 200

INLINE BOOK MAKER

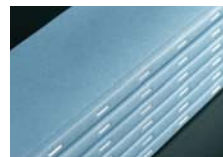
for Xerox Nuvera printers



Multiple stitching allows 2-up or 3-up production



Insert 1 - 6 stitches



SquareBack™ books

SUPPORTED XEROX PRINTERS

- Xerox Nuvera™ 100 / 120 / 144 EA Production System
- Xerox Nuvera™ 200 / 288 EA Perfecting Production System

The Watkiss PowerSquare™ 200 is a unique and innovative complete book making system that combines stitching, folding, spine forming and trimming in one compact unit. It produces SquareBack™ books up to 50 sheets (200 pages), which is double the thickness of alternative booklet making machines, so it is ideally suited to higher paginations or to thicker stocks.

This makes the Watkiss PowerSquare™ a fast and cost effective alternative to perfect binding or tape binding. Digital print applications frequently use heavier stocks and need the flexibility to produce a wider range of finished books from a single process, with little or no operator intervention. The Watkiss PowerSquare™ is a perfect match.



CREATIVITY · ACCURACY · EFFICIENCY



BENEFITS



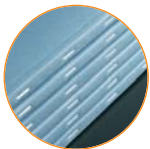
A SINGLE SOLUTION

The PowerSquare™ is a single solution for books from 8-200 pages. No other booklet making system offers this flexibility.



SQUAREBACK™ BOOKS

The finished SquareBack™ books have the superior square-spined appearance of a perfect bound book, but with the security of a stitched spine. They lie flat and are easy to pack, stack and handle. There is no risk of loose pages and you can print on the spine. If needed, you can switch off the SquareBack™ finish for thin books.



CONSISTENT, QUALITY STITCHING

The PowerSquare™ features a single heavy-duty stitch head which inserts from one to six stitches in the spine of the book. The unique stitch control system automatically adjusts the stitch length and position to suit the book size and thickness.



SPACE-SAVING, ERGONOMIC DESIGN

The PowerSquare™ has a very small floorspace requirement – significantly less than alternative book finishing methods. What's more, the finished books are delivered close to the normal operator position - not several metres 'down the line'.



EASY TO USE

All operator input is via a full colour graphical user interface. Simply enter the job parameters (paper size, book thickness and number of stitches) into the touch-screen. To make repeat jobs easier still, you can save the settings, each with a unique name, for instant recall when required.



AUTOMATIC SHEET ROTATION

Sheets are automatically rotated into the correct orientation for booklet making. With A4 or 8.5" x 11" paper, the printer feeds the sheets long-edge-first; the PowerSquare™ then rotates the sheets for booklet making.



INSTANT-ON

There is no warm-up time, so the machine is always ready to run. Low consumable costs and low power consumption make the PowerSquare™ an environmentally-friendly solution.



SPECIFICATIONS

PRODUCTIVITY GUIDE

(Books/Hour)

Nuvera 144 EA Production System

Nuvera 288 EA Perfecting Production System

| Set Size (books with 2 stitches) | 2 | 4 | 6 | 10 | 20 | 50 |
|----------------------------------|-----|-----|-----|-----|-----|-----|
| A4 or 8.5" x 11" | 486 | 486 | 428 | 346 | 191 | 84 |
| A3 or 11" x 17" | 467 | 383 | 290 | 184 | 98 | 43 |
| A4 or 8.5" x 11" | 486 | 486 | 486 | 474 | 353 | 168 |
| A3 or 11" x 17" | 467 | 455 | 444 | 368 | 196 | 86 |

 On thin books, productivity is determined by the PowerSquare™

 On thick books, productivity is determined by the printer speed

PAPER SIZE / WEIGHT

Min Input: 200 x 200mm (7.9" x 7.9")
 Max Input: 340 x 500mm (13.3" x 19.6")
 Min Rotation: 200 x 207mm (8.2" x 7.9")
 Max Rotation: 320 x 227mm (12.5" x 8.9")
 Paper Weight: 70 - 250gsm (20# bond to 32# index) dependant on paper type and quality

BOOK THICKNESS

Min set: 2 sheets (= 8 page booklet)
 Max set: 5mm (approx 50 sheets 80gsm = 200 page book)

STITCHING

1 - 6 stitches evenly spaced on the spine of the book
 Stitches/spool: up to 291,500
 Books*/spool: approx 127,000

TRIMMING

Maximum fore-edge trim: 28mm
 Minimum trimmed book size: 80mm

STACKER CAPACITY

35 books*

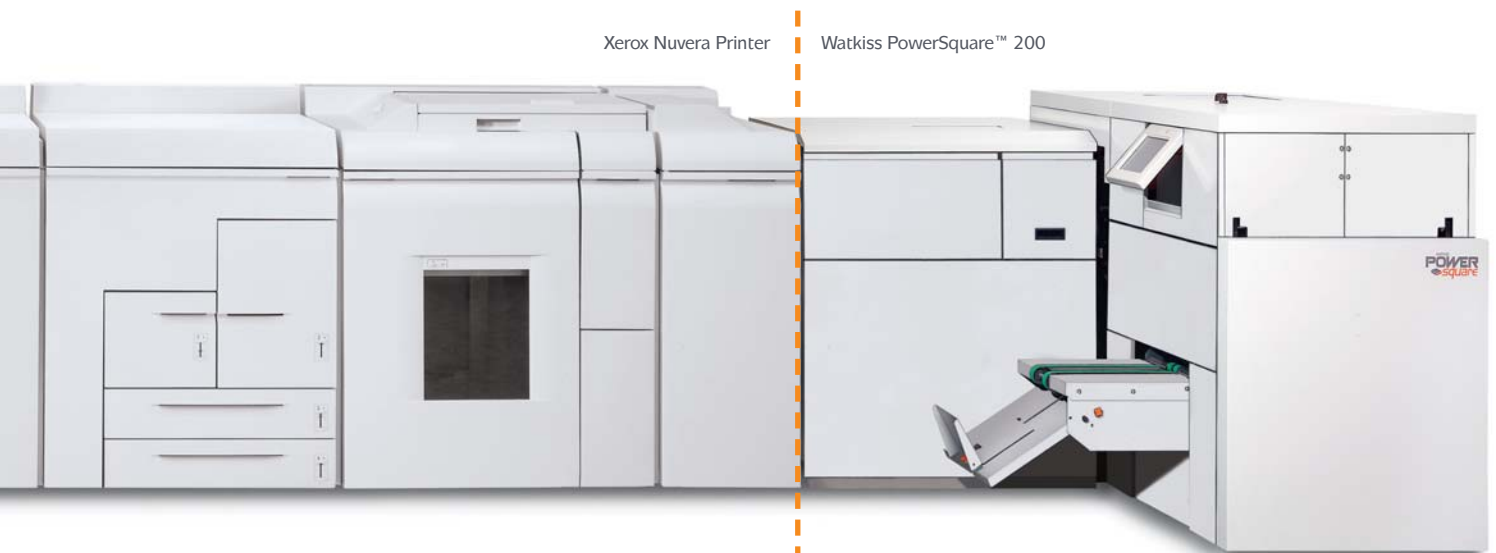
POWER SUPPLY

Adjustable to 200, 208, 220, 230 and 240V
 50/60Hz, single phase

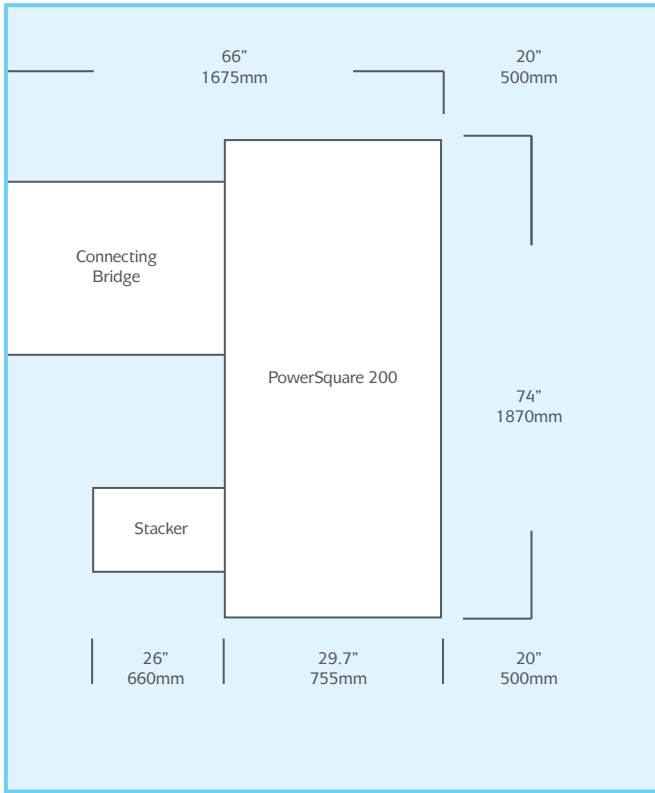
POWER CONSUMPTION

stand-by: 92VA (75W)
 in operation: 700VA (500W)

* Standard book is made from 20 sheets of 80gsm paper, with 2 stitches.



FLOOR SPACE DIMENSIONS



Watkiss Automation is a leading innovator in print finishing technology.

For 35 years, the company has specialised in collating and booklet making solutions designed to maximise efficiency, flexibility and profitability in the finishing operation.



WATKISS AUTOMATION LTD
Watkiss House, 1 Blydon Road,
Middlefield Industrial Estate, Sandy,
Beds, SG19 1RZ United Kingdom
tel +44 (0)1767 685700
fax +44 (0)1767 689900
email info@watkiss.com
web www.watkiss.com



Production rates are based on optimal operating conditions and may vary depending on stock and environmental conditions. In line with a policy of continual product improvement, the manufacturer reserves the right to alter the materials or specification of this product at any time without notice.

Protected by patent.
Watkiss PowerSquare and SquareBack are trademarks of Watkiss Automation Limited. Xerox and Nuvera are trademarks of Xerox Corporation in the United States and other countries.