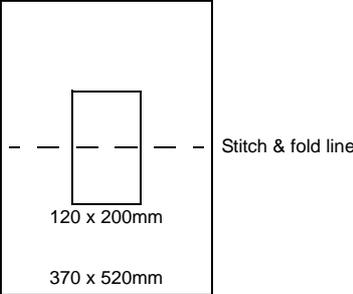

Specifications - PowerSquare 224

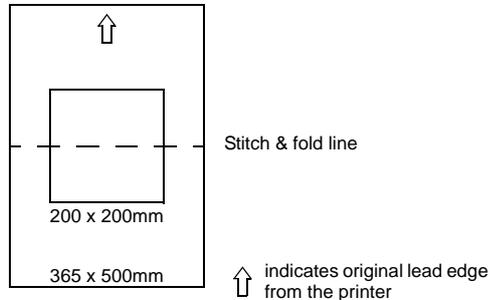
Operating Conditions	10-35°C 35-85% relative humidity up to 2000m above mean sea level
Production	Cycle time: Printer dependent. Interset gap: minimum 1 second Minimum set time: 4.5 seconds Maximum set time: 12.5 seconds
Stock Sizes - Offline	Minimum input size: 120 x 200mm Maximum input size: 370 x 520mm



Stock Sizes - Online

Minimum input size: 200 x 200mm

Maximum input size: 365 x 500mm



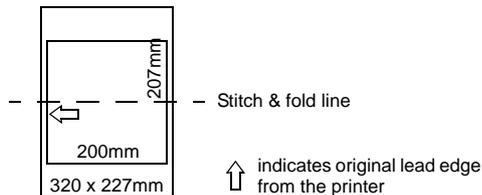
Sheet Rotation

Integrated rotator ensures maximum printer productivity.

Maximum rotation sheet size: 320 x 227mm

Minimum rotation sheet size: 207 x 200mm

The cross-track dimension of the sheet (before rotation) must be at least 7mm greater than the in-track dimension.



Stock Range

60 - 250gsm dependent on paper type and quality

Book Thickness

Maximum finished book thickness: up to 10.4mm (approximately 208 pages 80gsm; 224 pages 70gsm) dependent on paper type and quality

Maximum set thickness: up to 5.2mm (approximately 52 sheets 80gsm; 56 sheets 70gsm) dependent on paper type and quality

Stitching

1 - 6 stitches, evenly spaced on the spine of the book

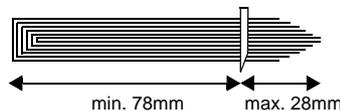
Stitches/spool: up to 291,500

Books*/spool: approximately 127,000

Fore-Edge Trimming

Maximum fore-edge trim: 28mm

Minimum trimmed book size: 78mm



Side-Trimming (option)

Minimum side-trim width: 120mm

Maximum side-trim width: 380mm (no trim); 378mm (trimmed)

Maximum side-trim: 40mm each side

Minimum side-trim: 1mm each side

Stacker Capacity	Standard stacker: 35 books* Book Stacker (optional): 930mm
Paper Input Requirements	Input sheets must be of consistent size and cut square. Machine setting must match paper size <i>at the input to the PowerSquare</i> . Book quality is dependent upon quality of input sheets.
Dimensions	Footprint With standard stacker: 1870 x 1300mm With Book Stacker: 2420 x 1250mm With standard stacker: 1870 x 1675mm With Book Stacker: 2420 x 1770mm With Side-Trimmer: 1870 x 1890mm With Side-Trimmer and Book Stacker: 2430 x 1700mm Height 1330mm
Weight	PowerSquare including stitching wire: 542kg As above, plus bridge and bridge covers: 702kg Book Stacker: 150kg Side-Trimmer: 300kg
Power Supply	Adjustable to 200, 208, 220, 230 and 240V 50/60Hz, single phase Side-Trimmer: 220-240V 50/60Hz, single phase
Power Consumption	PowerSquare stand-by: 92VA (75W) in operation: 700VA (500W) Book Stacker stand-by: 35VA (16W) in operation: 75VA (53W) Side-Trimmer stand-by: 40VA (10W) in operation: 1200VA (750W) during trimming (1 second of cycle)
Noise Emission	stand-by: ambient in operation: 66 dB (A), peak 87 dB (A)
Approvals	Complies with CE and UL. Conforms to FCC rules Part 15 Class A and VCCI Class A.

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

Production may vary according to operating 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.
