

FISCHBEIN®

Empress® Series Sewing Head Model 100-2™

Two needle format

Low noise/vibration

Patented self-lubricating

Compact design

The Fischbein Model 100-2™ Two Needle Plain Sew Head produces two perfect, parallel stitch lines that create a secure sift-resistant bag closure. The Model 100-2 is perfect for closing every type of open mouth bag including multi-wall paper, woven and laminated woven polypropylene and jute. Fischbein's pressurized, self-lubricating system protects moving parts and ensures maximum productivity with low maintenance even in the most demanding work environments.

The Empress 100-2 sewing head's precision rotational parts allow for adjustable operating speed from 35 to 45 feet per minute, with very little vibration. The Model 100-2 creates two perfect, parallel stitch lines with a two thread, double locked stitch – adjustable from 2.25 to 3.25 per inch, factory set at 2.5 stitches.

Fischbein's Model 100-2 two needle sewing head is featured on our cost effective, entry level Model 400 Pro²™ and heavy duty 400NS²™ Plain Sewing Systems. Selective options for the Model 100-2 include power infeeds, thread break detectors, oil sensors, bag coder and photoelectric controls for system integration. Food grade lubricant is also available. For maximum performance use Fischbein sewing thread and genuine Fischbein parts.



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Smart Solutions • Bag weighing-handling-closing™

Empress® Series Sewing Head

Model 100-2™ Two Needle Plain Sew Head Specifications

Maximum Operating Speed

45 linear feet/minute (13.7 meters/minute)

Material

Maximum thickness 0.3 inch (8 mm)

Sewing Thread

Fischbein brand polyester sewing thread recommended

Closure Type

Two parallel, alternating stitch lines

Operational Specifications

Stitch – Federal Type 401

Stitch range – 2.25 to 3.25 SPI

Stitch width – standard 2.5 SPI

Start/Stop

Micro-switch or photoelectric switch

Thread cutter

Guillotine style

Pneumatic

Maximum 50 PSI

Air consumption 2 to 3 SCFM

Weight

Net weight is 59 pounds (26.8Kg)

Shipping weight is 65 pounds (29.5 Kg)

Lubrication

Pressurized self-lubricating, Fischbein brand lubricant recommended,
“Food Grade” lubricant is also available.

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Fischbein Company
151 Walker Road
Statesville, NC 28625
704.871.1159
704.872.3303 *fax*
sales@fischbein.com

www.fischbein.com

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