

# 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 Pro<sup>2</sup>™ and heavy duty 400NS<sup>2</sup>™ 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.



[www.fischbein.com](http://www.fischbein.com)

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Smart Solutions • Bag weighing-handling-closing™

# Empress® Series Sewing Head

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## **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**

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