

Smart Solutions™

# Empress® Series Sewing Heads Models 100 and 101

Compact design  
Low noise/vibration  
Quick thread/tape cutting system  
Patented self-lubricating system

With their compact design and smooth performance, Fischbein's Empress Series sewing heads are the latest in trouble-free bag-sewing technology. The Model 100 Standard Sew and Model 101 Tape Sew heads offer variable speeds and low vibration. With sewing speed adjustable from 35 to 55 feet, these Empress Series sewing heads are ideal for sewing every type of open mouth bag, including paper, woven polypropylene, and jute.

Backed by the famous Fischbein craftsmanship, the Model 100 and Model 101 sewing heads are constructed from heavy-duty metal components for unrivaled durability you can rely on for years to come. Even in the most demanding work environments, Fischbein's patented, pressurized, self-lubricating systems protect moving parts and ensure maximum productivity with low maintenance.

Fischbein's Model 100 and 101 sewing heads integrate easily with your existing equipment. They can be used with the standard two-thread stitch or with a single-thread stitch, and width adjusts from 2 to 3.5 stitches per inch.

A wide variety of accessories are available for Fischbein's Empress Series sewing heads. Among them are various mounting pedestals, power infeed systems, a full range of conveyors, bag-top folders, thread- and tape-break detectors, bag coders, and photoelectric controls for system integration.



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# Empress® Series Sewing Heads

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## Model 100™ Standard Sew Specifications

**MAXIMUM OPERATING SPEED**  
55 linear feet/minute (16.7 meters/minute)

**MATERIAL**  
Maximum thickness 8 mm (0.3 inch)

**SEWING THREAD**  
Fischbein brand polyester sewing thread recommended

**CLOSURE TYPE**  
Standard sew

**OPERATIONAL SPECIFICATIONS**  
Stitch . . . . .Federal type 401, single-needle, double-thread chain stitch  
Stitch range . . . . .2 to 3.5 SPI (5 to 9 cm)  
Stitch width . . . . .Standard 2.5 SPI

**START/STOP**  
Micro-switch or photoelectric switch (not included)

**THREAD CUTTER**  
Guillotine style

**PNEUMATIC**  
Maximum 50 PSI  
Air consumption 2 to 3 SCFM

**WEIGHT**  
Net weight: 57 pounds (26 kg)  
Shipping weight: 63 pounds (29 kg)

**LUBRICATION**  
Pressurized self-lubricating; Fischbein brand lubricant recommended

## Model 101™ Tape Sew Specifications

**MAXIMUM OPERATING SPEED**  
55 linear feet/minute (16.7 meters/minute)

**MATERIAL**  
Maximum thickness 8 mm (0.3 inch)  
Crepe tape 1.25 to 2.5 inches (3.2 to 6.4 cm) wide

**SEWING THREAD**  
Fischbein brand polyester sewing thread recommended

**CLOSURE TYPE**  
Tape sew

**OPERATIONAL SPECIFICATIONS**  
Stitch . . . . .Federal type 401, single-needle, double-thread chain stitch  
Stitch range . . . . .2 to 3.5 SPI (5 to 9 cm)  
Stitch width . . . . .Standard 2.5 SPI

**START/STOP**  
Micro-switch or photoelectric switch (not included)

**THREAD/TAPE CUTTER**  
Scissors style

**PNEUMATIC**  
Minimum 90 PSI required  
Air consumption: 10 to 12 SCFM

**WEIGHT**  
Net weight: 62 pounds (28 kg)  
Shipping weight: 65 pounds (29 kg)

**LUBRICATION**  
Pressurized self-lubricating; Fischbein brand lubricant recommended

## FISCHBEIN® COMPANY

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Represented by: